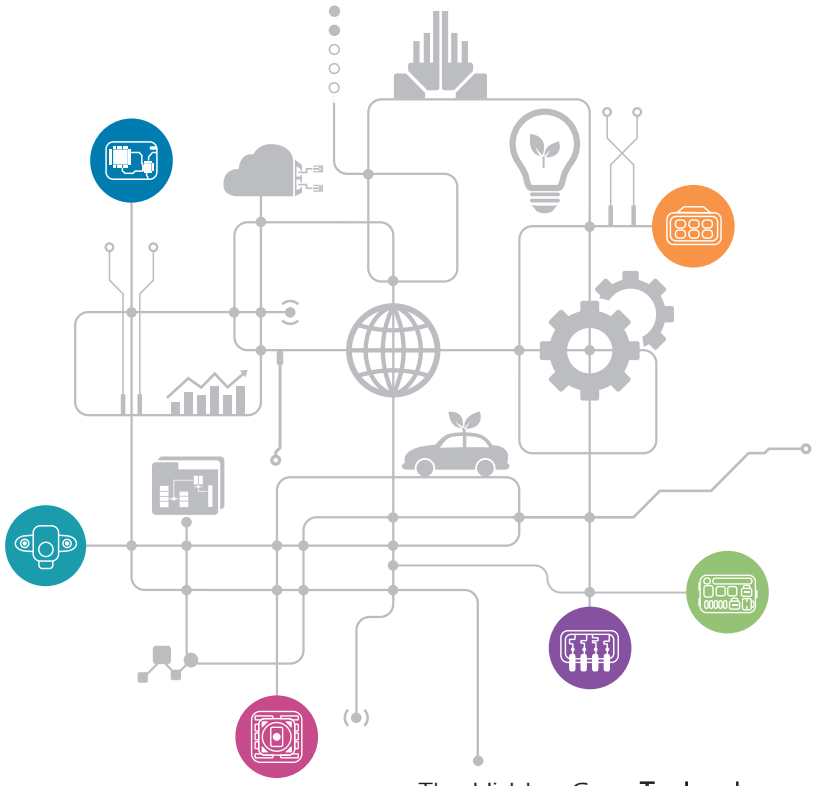


The Hidden Core **Technology**

At the center of the digital technology stands KET, to make the world more affluent and happier.

What KET creates is not limited to small electric components. KET is creating convenient and limitless technology that can bring people together and connect to the other side of the world, to make it as one. Core technologies usher people into better digital world. the very future KET wants to deliver.

Why KET ?

CONNECTORS



All about components, where technology starts - KET

We realize the highest customer satisfaction through providing the impeccable quality.

The first principle that KET pursues is perfect product with the best quality. As ways to achieve the goal, KET implemented QC programs in and out of the company, held seminars on similar technology, conducted non-defect activities and introduced a multi-purpose environmental testing machine, which aimed at delivering perfect quality and services.

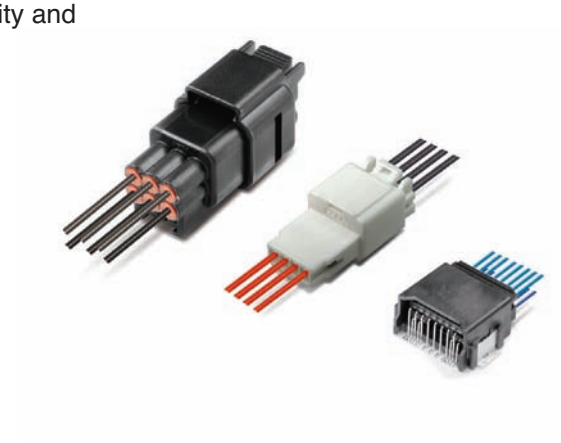
As a result of various efforts, our quality management system is widely recognized by receiving a number of international quality certifications such as ISO9001,QS9000, TS16949 and ISO14001.



KET ENGINEERED

The Technology Power Plant for the Development of the Next Generation Components

KET boasts R&D specialists who account for more than 20% of total number of employees while investing over 10% of annual sales in R&D efforts annually. The R&D center started off with development of connectors used for automobiles, home appliances and communication. The center is making its utmost efforts to come up with new products including automotive integration module, mobile and optical communication components.
Adopting the attitude of "only the products with best quality and best technology will be created by KET", the company is continuing its R&D efforts to develop the state-of-the-art products even at this moment.



Full Automation & High productivity

The production capability and technology of KET in manufacturing connectors have been accumulated for the past 42 years, which is highlighted by full automation of all production lines. The company is equipped with the newest manufacturing facilities such as a high-speed precision press line, a computer-controlled injection molding machine line. Moreover, KET secure competitiveness in cost and quality. Our advanced system allowing to manufacture various product types at small quantity, which the comprehensive management information system of KET enables customers to access any products at any time during the entire process from ordering to delivery.



PRODUCT LINEUP

KET : KOREA ELECTRIC TERMINAL CO., LTD. TRADE MARK

KSA-QA

Quality/Environmental Management System

1. Quality
   : KS Q ISO9001:2015 / ISO9001:2015 (CERTIFICATION NO : AC-00200)
   : IATF16949:2016 (CERTIFICATION NO : TS-00200)
2. Environment
   : KS I ISO14001:2015 / ISO14001:2015 (CERTIFICATION NO:EAC-03977)

Certified
File No. LR60232
File No. LR61076

VDE
File No.19442-1432-1001/A2C
File No.19442-1431-0001/328BF
(Conforms to DIN/VDE:1991-09)



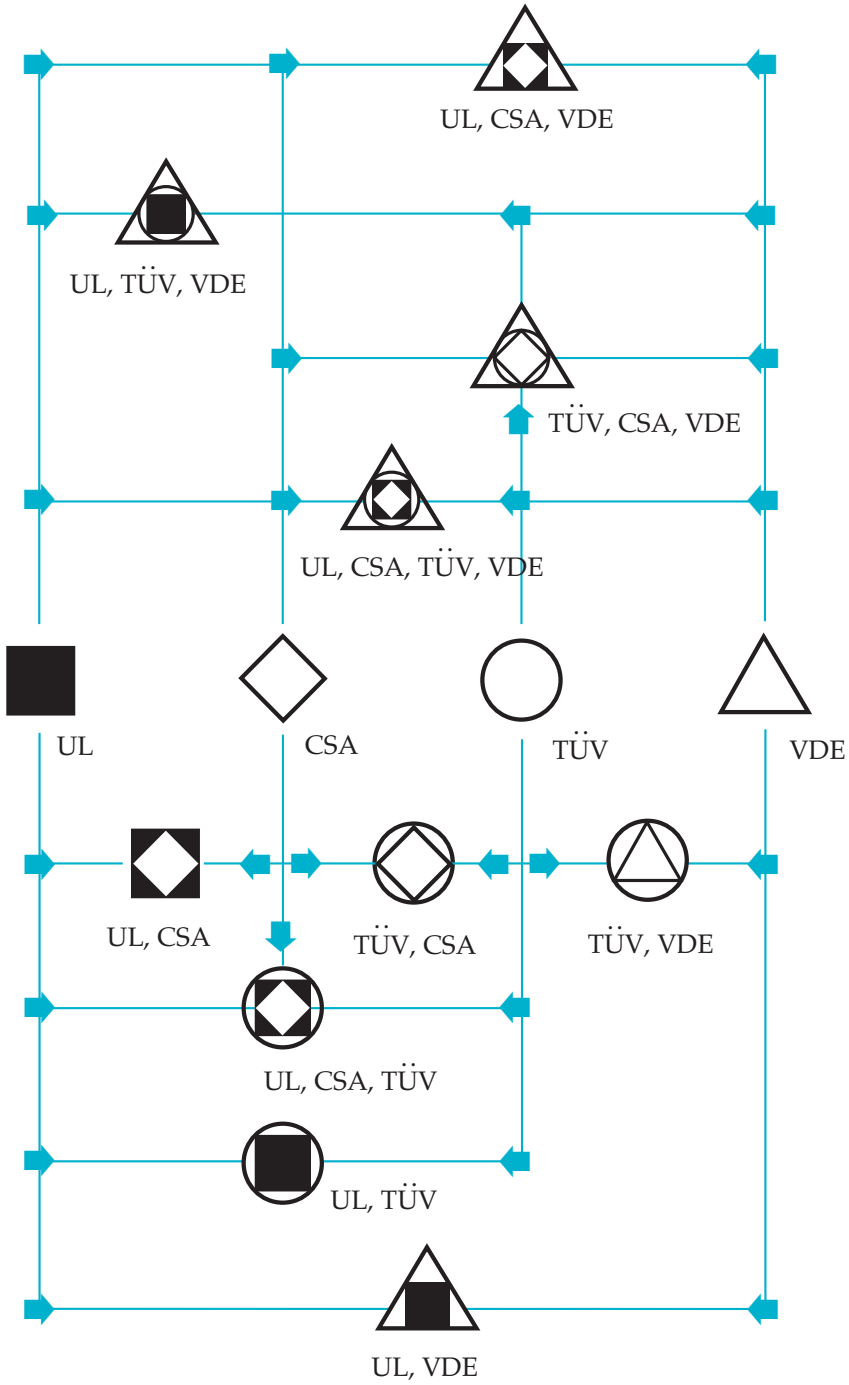
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TÜV Licensed
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File No. R9154197
File No. R9154199
File No. R9254037
File No. R9254038
File No. R9254039
File No. R9554069
File No. R9554166
(Conforms to DIN/VDE 0627)
(Conforms to DIN/VDE 0470)

PRODUCT LINEUP

UL CSA TÜV VDE

SYMBOL

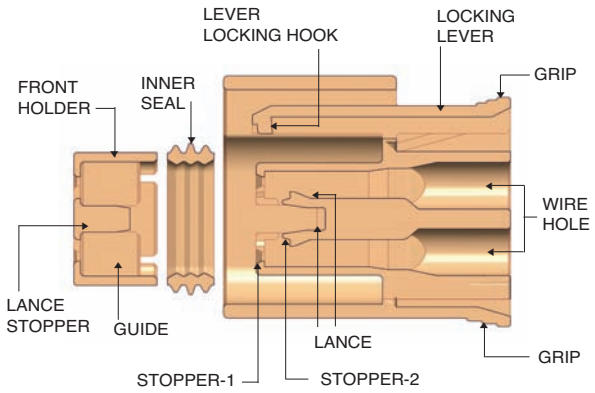


PRODUCT LINEUP

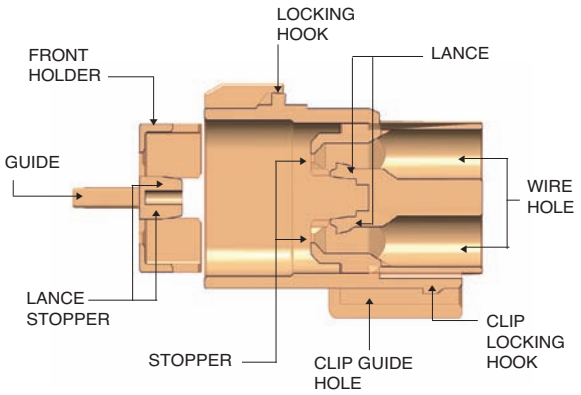
STRIP TERMINAL, HOUSING FEATURES

HOUSING

PLUG (FEMALE)

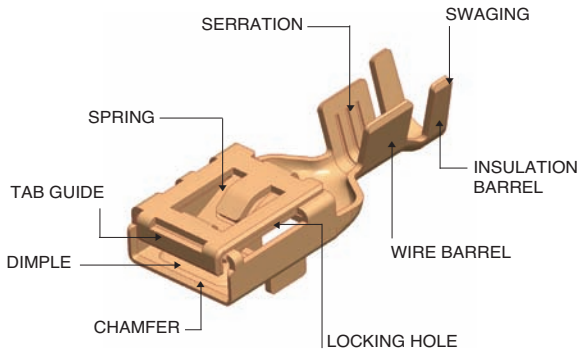


RECEPTACLE(MALE)

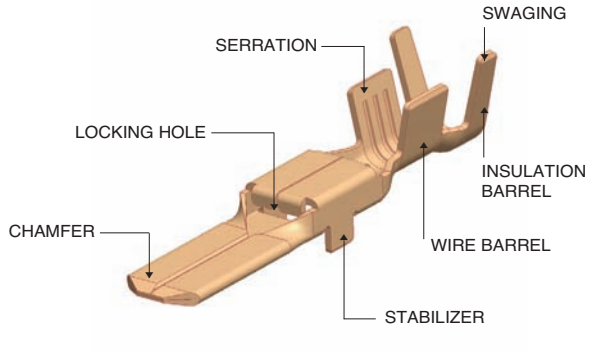


TERMINAL

RECEPTACLE (FEMALE)



TAB((MALE)



PART NUMBER SYSTEM (HOUSING)

1. HOUSING

6 1 0000 - 1

- Product Number
  - 1. Female
  - 2. Male
  - 3. Holder & Clip
  - 4. Male Ass'y
  - 5. Female Ass'y
  - 6. Others Ass'y
  - 8. Rubber Seal
- Serial Number
- 1. Red
- 11. Orange
- 12. Light Pink
- 2. Blue
- 20. Jade
- 21. Sky Blue
- 3. Yellow
- 4. Gray
- 40. Dark Gray
- 41. Light Gray
- 5. Black
- 6. Green
- 7. Brown
- 8. Light Green
- 9. Magenta

PART NUMBER SYSTEM (TERMINAL)

2. STRIP TERMINAL

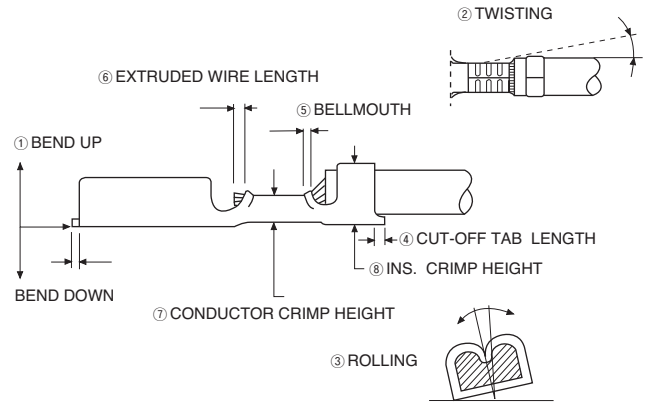
7 1 0000 - 1

- Product Number
  - 1. Ring
  - 2. Spade
  - 3. Female
  - 4. Male
  - 5. Pin
  - 6. Splice & Button
  - 8. Fuse & etc.
- Serial Number
- 1. Non-Plating
- 2. Sn/Ni
- 3. Pre-Tin
- 4. Ag/Ni
- 5. Ni
- 6. Cr
- G. Au/Ni
- GS. Au/Sn-Pb
- P. Pd

PRODUCT LINEUP

CRIMPING SPECIFICATION

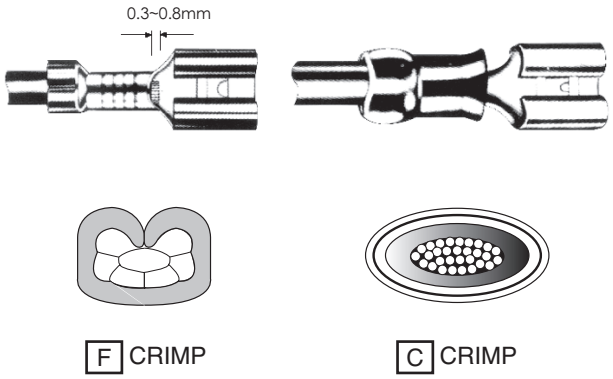
NOMENCLATURE



CRIMPING CONDITIONS

	Check Point	Requirements
①	Bend-up	3-6° MAX
	Bend-Down	3-6° MAX
②	Twisting	3-6° MAX
③	Rolling	3-6° MAX
④	Cut-Off Tab Length	0.5mm MAX
⑤	Bellmouth	0.3mm-0.8mm
⑥	Extruded Wire Length	0-2mm
	Wire Strip Length	4.5mm-5.5mm

WIRE CRIMPING SHAPE



F CRIMP

C CRIMP

FORCES FOR CRIMP PULL-OUT TEST

Wire Size		Standard/Minimum	
mm^2	AWG	Pounds	kg
0.13	26	-	-
0.22	24	-	-
0.3	22	8	3.6
0.5	20	13	5.9
0.85	18	20	9.1
1.25	16	30	13.6
2.0	14	50	22.7
3.0	12	70	31.8
5.0	10	80	36.3

INSULATION CRIMPING SHAPE



Standard SDL 250D/L WP

PRODUCT LINEUP

 020 CONNECTOR	 025II CONNECTOR	 C025 CONNECTOR	 C025 WP CONNECTOR
 040WP(RK) CONNECTOR	 AIRBAG CONNECTOR	 050 CONNECTOR	 SSD 0509 CONNECTOR
 N060 WP CONNECTOR	 C060 WP CONNECTOR	 SDLII(070) CONNECTOR	 SWP CONNECTOR
 090 WP CONNECTOR	 N110 CONNECTOR	 N110 WP CONNECTOR	 187II WP CONNECTOR
 HYB WP CONNECTOR	 HYB LEVER(025II HYB)	 HYB LEVER(C025 HYB)	 HYB LEVER(C025 HYB WP)
 PCB(SMD) CONNECTOR	 ECU 196P CONNECTOR	 ECU 198P CONNECTOR	 JOINT
 FUSE & RELAY BOX	 PRA	 HIGH VOLTAGE(HVSC 280, 630)	 HIGH VOLTAGE(200A)



030(91A) CONNECTOR



040III CONNECTOR



N060 CONNECTOR



ASC CONNECTOR

090/090II CONNECTOR



N250 CONNECTOR



250 WP CONNECTOR



312II WP CONNECTOR



375(58L) CONNECTOR



FAKRAHYB LEVER



DOOR CONNECTOR



PCB CONNECTOR(VRT)



PCB CONNECTOR(HZT)



HEAD LAMP



BULB SOCKET



SENSOR



WIRE TO BOARD



CHARGE COUPLER



BATTERY FUSE TERMINAL/MULTI FUSE



FAKRA(W TO W / WAFER)



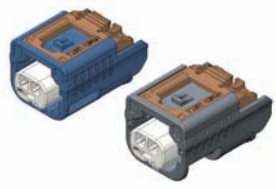
HIGH SPEED FLOATING B TO B

AUTOMOTIVE LINEUP

APPEARANCE	MATERIAL	SPECIFICATIONS	PAGE
020 	▶Terminal Tab Size : 020 ▶Terminal F : Copper Alloy / Pre-Tin ▶ Housing : P.B.T	▶ Current Rating : 3A ▶ Contact Resistance : 10mΩ Max(Initial) ▶ Insulation Resistance : DC 500V 100MΩ Min ▶ Wire Size : 0.22~0.3	36
025II 	▶Terminal Tab Size : 025 ▶Terminal M : Copper Alloy / Pre-Tin F : Copper Alloy / Pre-Tin ▶ Housing : P.B.T	▶ Current Rating : 5A ▶ Contact Resistance : 10mΩ Max(Initial) ▶ Insulation Resistance : DC 500V 100MΩ Min ▶ Wire Size : 0.22~0.5	37
C025 	▶Terminal Tab Size : 025 ▶Terminal M : Copper Alloy / Pre-Tin F : Copper Alloy / Pre-Tin ▶ Housing : P.B.T	▶ Current Rating : 5A ▶ Contact Resistance : 10mΩ Max(Initial) ▶ Insulation Resistance : DC 500V 100MΩ Min ▶ Wire Size : 0.22~0.5	39
025 WP 	▶Terminal Tab Size : 025 ▶Terminal M : Brass / Pre-Tin F : Copper Alloy / Pre-Tin ▶ Housing : P.B.T	▶ Current Rating : 5A ▶ Contact Resistance : 10mΩ Max(Initial) ▶ Insulation Resistance : DC 500V 100MΩ Min ▶ Wire Size : 0.22~0.5	40
025 WP(RH) 	▶Terminal Tab Size : 025 ▶Terminal F : Copper Alloy / Pre-Tin ▶ Housing : P.B.T	▶ Current Rating : 5A ▶ Contact Resistance : 10mΩ Max(Initial) ▶ Insulation Resistance : DC 500V 100MΩ Min ▶ Wire Size : 0.3~0.5	42
C025 WP 	▶Terminal Tab Size : 025 ▶Terminal M : Copper Alloy / Pre-Tin F : Copper Alloy / Pre-Tin ▶ Housing : P.B.T	▶ Current Rating : 5A ▶ Contact Resistance : 10mΩ Max(Initial) ▶ Insulation Resistance : DC 500V 100MΩ Min ▶ Wire Size : 0.22~0.5	43

*Allowable current may vary depending no. of poles used, size of the wire, time elapsed, temperature etc.

AUTOMOTIVE LINEUP

APPEARANCE	MATERIAL	SPECIFICATIONS	PAGE
030(91A) 	▶Terminal Tab Size : 030 ▶Terminal M : Brass / Pre-Tin F : Copper Alloy / Pre-Tin ▶ Housing : P.B.T	▶ Current Rating : 5A ▶ Contact Resistance : 5mΩ Max(Initial) ▶ Insulation Resistance : DC 500V 100MΩ Min ▶ Wire Size : 0.22~0.85	45
040 	▶Terminal Tab Size : 040 ▶Terminal M : Copper Alloy / Pre-Tin F : Copper Alloy / Pre-Tin ▶ Housing M : PA66-GF30 F : HPA	▶ Current Rating : 5A ▶ Contact Resistance : 5mΩ Max(Initial) ▶ Insulation Resistance : DC 500V 100MΩ Min ▶ Wire Size : 0.22~0.85	47
040III 	▶Terminal Tab Size : 040 ▶Terminal M : Brass / Pre-Tin F : Copper Alloy / Pre-Tin ▶ Housing : P.B.T	▶ Current Rating : 5A ▶ Contact Resistance : 5mΩ Max(Initial) ▶ Insulation Resistance : DC 500V 100MΩ Min ▶ Wire Size : 0.22~0.85	48
040 WP(RK) 	▶Terminal Tab Size : 040 ▶Terminal M : Brass / Pre-Tin F : Copper Alloy / Pre-Tin ▶ Housing : P.B.T	▶ Current Rating : 5A ▶ Contact Resistance : 5mΩ Max(Initial) ▶ Insulation Resistance : DC 500V 100MΩ Min ▶ Wire Size : 0.3~0.85	52
AIRBAG 	▶Terminal Tab Size : 040 ▶Terminal F : Copper Alloy / Pre-Tin ▶ Housing : HPA	▶ Current Rating : 5A ▶ Contact Resistance : 5mΩ Max(Initial) ▶ Insulation Resistance : DC 500V 100MΩ Min ▶ Wire Size : 0.3~0.5	57
050 	▶Terminal Tab Size : 050 ▶Terminal M : Brass / Pre-Tin F : Copper Alloy / Pre-Tin ▶ Housing : P.B.T	▶ Current Rating : 5A ▶ Contact Resistance : 5mΩ Max(Initial) ▶ Insulation Resistance : DC 500V 100MΩ Min ▶ Wire Size : 0.22~0.5	59

*Allowable current may vary depending no. of poles used, size of the wire, time elapsed, temperature etc.

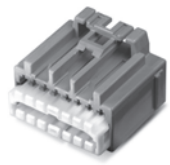
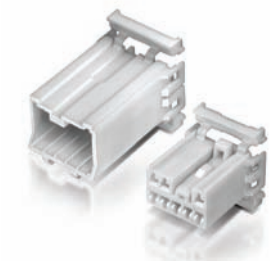
AUTOMOTIVE LINEUP

APPEARANCE	MATERIAL	SPECIFICATIONS	PAGE
SSD 	▶Terminal Tab Size : 050 ▶Terminal M : Brass / Pre-Tin F : Copper Alloy / Pre-Tin ▶ Housing : P.B.T	▶ Current Rating : 5A ▶ Contact Resistance : 5mΩ Max(Initial) ▶ Insulation Resistance : DC 500V 100MΩ Min ▶ Wire Size : 0.3~0.85	61
0509 WP 	▶Terminal Tab Size : 050 / 090 ▶Terminal 090 M : Brass / Pre-Tin 090 F : Copper Alloy / Pre-Tin 050 M : Brass / Pre-Tin 050 F : Copper Alloy / Pre-Tin ▶ Housing : P.B.T	▶ Current Rating : 5A / 10A ▶ Contact Resistance : 5/3mΩ Max(Initial) ▶ Insulation Resistance : DC 500V 100MΩ Min ▶ Wire Size : 0.3~2.0	63
C060 	▶Terminal Tab Size : 060 ▶Terminal M : Brass / Pre-Tin F : Copper Alloy / Pre-Tin ▶ Housing : P.B.T	▶ Current Rating : 10A ▶ Contact Resistance : 5mΩ Max(Initial) ▶ Insulation Resistance : DC 500V 100MΩ Min ▶ Wire Size : 0.22~1.25	65
N060 	▶Terminal Tab Size : 060(0.64T) ▶Terminal M : Brass / Pre-Tin F : Copper Alloy / Pre-Tin ▶ Housing : P.B.T	▶ Current Rating : 10A ▶ Contact Resistance : 5mΩ Max(Initial) ▶ Insulation Resistance : DC 500V 100MΩ Min ▶ Wire Size : 0.22~1.25	66
060(0.8T) 	▶Terminal Tab Size : 060(0.8T) ▶Terminal M : Copper Alloy / Pre-Tin F : Copper Alloy / Pre-Tin ▶ Housing : P.B.T	▶ Current Rating : 10A ▶ Contact Resistance : 5mΩ Max(Initial) ▶ Insulation Resistance : DC 500V 100MΩ Min ▶ Wire Size : 0.22~1.25	69
060(62C) 	▶Terminal Tab Size : 060 ▶Terminal M : Brass / Pre-Tin F : Copper Alloy / Pre-Tin ▶ Housing : P.B.T	▶ Current Rating : 6A ▶ Contact Resistance : 5mΩ Max(Initial) ▶ Insulation Resistance : DC 500V 100MΩ Min ▶ Wire Size : 0.3~0.85	70

*Allowable current may vary depending no. of poles used, size of the wire, time elapsed, temperature etc.

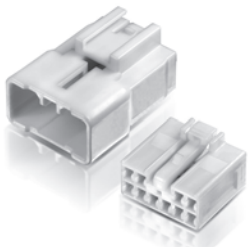
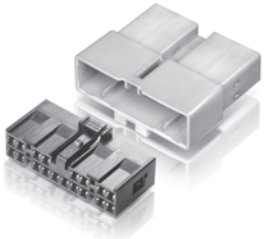
KET ENGINEERED

AUTOMOTIVE LINEUP

APPEARANCE	MATERIAL	SPECIFICATIONS	PAGE
060II 	▶Terminal Tab Size : 060 ▶Terminal F : Copper Alloy ▶ Housing : P.B.T	▶ Current Rating : 10A ▶ Contact Resistance : 5mΩ Max(Initial) ▶ Insulation Resistance : DC 500V 100MΩ Min ▶ Wire Size : 0.3~1.25	72
C060 WP 	▶Terminal Tab Size : 060 ▶Terminal M : Brass / Pre-Tin F : Copper Alloy/ Pre-Tin ▶ Housing : P.B.T GF15	▶ Current Rating : 10A ▶ Contact Resistance : 5mΩ Max(Initial) ▶ Insulation Resistance : DC 500V 100MΩ Min ▶ Wire Size : 0.3~1.25	73
N060 WP 	▶Terminal Tab Size : 060(0.64T) ▶Terminal M : Brass / Pre-Tin F : Copper Alloy / Pre-Tin ▶ Housing : P.B.T	▶ Current Rating : 10A ▶ Contact Resistance : 5mΩ Max(Initial) ▶ Insulation Resistance : DC 500V 100MΩ Min ▶ Wire Size : 0.22~1.25	74
060WP(0.8T) 	▶Terminal Tab Size : 060(0.8T) ▶Terminal M : Brass / Pre-Tin F : Copper Alloy / Pre-Tin ▶ Housing : P.B.T	▶ Current Rating : 10A ▶ Contact Resistance : 5mΩ Max(Initial) ▶ Insulation Resistance : DC 500V 100MΩ Min ▶ Wire Size : 0.22~1.25	76
SDL 	▶Terminal Tab Size : 070 ▶Terminal M : Brass / Pre-Tin F : Copper Alloy / Pre-Tin ▶ Housing : P.B.T	▶ Current Rating : 9A ▶ Contact Resistance : 3mΩ Max(Initial) ▶ Insulation Resistance : DC 500V 100MΩ Min ▶ Wire Size : 0.22~2.0	79
SDLII 	▶Terminal Tab Size : 070 ▶Terminal M : Brass / Pre-Tin F : Copper Alloy / Pre-Tin ▶ Housing : P.B.T	▶ Current Rating : 9A ▶ Contact Resistance : 3mΩ Max(Initial) ▶ Insulation Resistance : DC 500V 100MΩ Min ▶ Wire Size : 0.22~2.0	81

*Allowable current may vary depending no. of poles used, size of the wire, time elapsed, temperature etc.

AUTOMOTIVE LINEUP

APPEARANCE	MATERIAL	SPECIFICATIONS	PAGE
SWP 	▶Terminal Tab Size : 070 ▶Terminal M : Brass / Pre-Tin F : Copper Alloy / Pre-Tin ▶ Housing : P.B.T	▶ Current Rating : 9A ▶ Contact Resistance : 3mΩ Max(Initial) ▶ Insulation Resistance : DC 500V 250MΩ Min ▶ Wire Size : 0.3~2.0	82
OBDII 	▶Terminal Tab Size : 070 ▶Terminal F : Copper Alloy / Pre-Tin ▶ Housing : P.B.T	▶ Current Rating : 9A ▶ Contact Resistance : 3mΩ Max(Initial) ▶ Insulation Resistance : DC 500V 100MΩ Min ▶ Wire Size : 0.3~0.5	85
DIAGNOSIS 	▶Terminal Tab Size : 070 ▶Terminal F : Copper Alloy / Pre-Tin ▶ Housing : PA66	▶ Current Rating : 9A ▶ Contact Resistance : 3mΩ Max(Initial) ▶ Insulation Resistance : DC 500V 100MΩ Min ▶ Wire Size : 0.3~2.0	85
090 	▶Terminal Tab Size : 090 ▶Terminal M : Brass / Pre-Tin F : Brass / Pre-Tin ▶ Housing : PA66	▶ Current Rating : 10A ▶ Contact Resistance : 3mΩ Max(Initial) ▶ Insulation Resistance : DC 500V 100MΩ Min ▶ Wire Size : 0.2~1.25	89
090II 	▶Terminal Tab Size : 090 ▶Terminal M : Brass / Pre-Tin F : Copper Alloy / Pre-Tin ▶ Housing : P.B.T	▶ Current Rating : 10A ▶ Contact Resistance : 3mΩ Max(Initial) ▶ Insulation Resistance : DC 500V 100MΩ Min ▶ Wire Size : 0.22~2.0	92
ASC 	▶Terminal Tab Size : 090 ▶Terminal M : Brass / Pre-Tin F : Copper Alloy / Pre-Tin ▶ Housing : P.B.T	▶ Current Rating : 10A ▶ Contact Resistance : 3mΩ Max(Initial) ▶ Insulation Resistance : DC 500V 100MΩ Min ▶ Wire Size : 0.22~2.5	98

*Allowable current may vary depending no. of poles used, size of the wire, time elapsed, temperature etc.

KET ENGINEERED

AUTOMOTIVE LINEUP

APPEARANCE	MATERIAL	SPECIFICATIONS	PAGE
090 DTC 	▶Terminal Tab Size : 090 ▶Terminal M : Brass / Pre-Tin F : Brass, Copper Alloy/Pre-Tin ▶ Housing : P.B.T	▶ Current Rating : 10A ▶ Contact Resistance : 3mΩ Max(Initial) ▶ Insulation Resistance : DC 500V 100MΩ Min ▶ Wire Size : 0.22~2.0	102
090 WP 	▶Terminal Tab Size : 090 ▶Terminal F : Brass / Pre-Tin : Copper Alloy / Pre-Tin ▶ Housing : P.B.T	▶ Current Rating : 10A ▶ Contact Resistance : 3mΩ Max(Initial) ▶ Insulation Resistance : DC 500V 100MΩ Min ▶ Wire Size : 0.3~2.0	104
090 WP 	▶Terminal Tab Size : 090 ▶Terminal F : Copper Alloy / Pre-Tin ▶ Housing : P.B.T	▶ Current Rating : 10A ▶ Contact Resistance : 3mΩ Max(Initial) ▶ Insulation Resistance : DC 500V 100MΩ Min ▶ Wire Size : 0.3~2.0	106
090II WP 	▶Terminal Tab Size : 090 ▶Terminal M : Brass / Pre-Tin F : Copper Alloy / Pre-Tin ▶ Housing : P.B.T	▶ Current Rating : 10A ▶ Contact Resistance : 3mΩ Max(Initial) ▶ Insulation Resistance : DC 500V 100MΩ Min ▶ Wire Size : 0.22~2.0	107
N110 	▶Terminal Tab Size : 110 ▶Terminal M : Copper Alloy / Pre-Tin F : Copper Alloy / Pre-Tin ▶ Housing : P.B.T	▶ Current Rating : 15A ▶ Contact Resistance : 3mΩ Max(Initial) ▶ Insulation Resistance : DC 500V 100MΩ Min ▶ Wire Size : 0.22~4.0	111
N110 WP 	▶Terminal Tab Size : 110 ▶Terminal M : Copper Alloy / Pre-Tin F : Copper Alloy / Pre-Tin ▶ Housing : P.B.T	▶ Current Rating : 15A ▶ Contact Resistance : 3mΩ Max(Initial) ▶ Insulation Resistance : DC 500V 100MΩ Min ▶ Wire Size : 2.0~4.0	112

*Allowable current may vary depending no. of poles used, size of the wire, time elapsed, temperature etc.

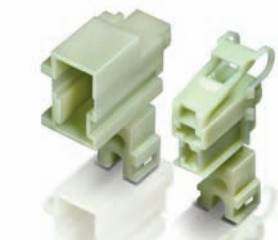
AUTOMOTIVE LINEUP

APPEARANCE	MATERIAL	SPECIFICATIONS	PAGE
110(58T) 	▶Terminal Tab Size : 110 ▶Terminal M : Brass / Pre-Tin F : Brass / Pre-Tin ▶ Housing : P.B.T	▶ Current Rating : 10A ▶ Contact Resistance : 3mΩ Max(Initial) ▶ Insulation Resistance : DC 500V 100MΩ Min ▶ Wire Size : 0.3~2.0	113
110 D/L 	▶Terminal Tab Size : 110 ▶Terminal F : Brass / Pre-Tin ▶ Housing : PA66	▶ Current Rating : 10A ▶ Contact Resistance : 3mΩ Max(Initial) ▶ Insulation Resistance : DC 500V 100MΩ Min ▶ Wire Size : 0.3~2.0	114
110 WP(58W) 	▶Terminal Tab Size : 110 ▶Terminal M : Brass / Pre-Tin F : Copper Alloy / Pre-Tin ▶ Housing : PA66	▶ Current Rating : 15A ▶ Contact Resistance : 3mΩ Max(Initial) ▶ Insulation Resistance : DC 500V 100MΩ Min ▶ Wire Size : 0.3~2.0	115
110(280) 	▶Terminal Tab Size : 110(280) ▶Terminal M : Brass / Pre-Tin F : Copper Alloy / Pre-Tin ▶ Housing : P.B.T	▶ Current Rating : 15A ▶ Contact Resistance : 3mΩ Max(Initial) ▶ Insulation Resistance : DC 500V 100MΩ Min ▶ Wire Size : 0.3~3.0	117
110(280) WP 	▶Terminal Tab Size : 110(280) ▶Terminal M : Brass / Pre-Tin F : Copper Alloy / Pre-Tin ▶ Housing : P.B.T	▶ Current Rating : 15A ▶ Contact Resistance : 3mΩ Max(Initial) ▶ Insulation Resistance : DC 500V 100MΩ Min ▶ Wire Size : 0.5~2.5	118
TLC 	▶Terminal Tab Size : Ø1.0 ▶Terminal M : Brass / Pre-Tin ▶ Housing : P.B.T	▶ Current Rating : 3A ▶ Contact Resistance : 5mΩ Max(Initial) ▶ Insulation Resistance : DC 500V 250MΩ Min ▶ Wire Size : 0.3~0.5	121

*Allowable current may vary depending no. of poles used, size of the wire, time elapsed, temperature etc.

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AUTOMOTIVE LINEUP

APPEARANCE	MATERIAL	SPECIFICATIONS	PAGE
118(PA) 	▶Terminal Tab Size : 118 ▶Terminal M : Brass / Pre-Tin F : Brass / Pre-Tin ▶ Housing : PA66	▶ Current Rating : 10A ▶ Contact Resistance : 3mΩ Max(Initial) ▶ Insulation Resistance : DC 500V 100MΩ Min ▶ Wire Size : 0.2~2.5	123
187II WP 	▶Terminal Tab Size : 187 ▶Terminal M : Brass / Pre-Tin F : Brass / Pre-Tin Copper Alloy / Pre-Tin ▶ Housing : P.B.T	▶ Current Rating : 20A ▶ Contact Resistance : 3mΩ Max(Initial) ▶ Insulation Resistance : DC 500V 100MΩ Min ▶ Wire Size : 0.3~3.0	127
N250 	▶Terminal Tab Size : 250 ▶Terminal M : Copper Alloy / Pre-Tin F : Copper Alloy / Pre-Tin ▶ Housing : P.B.T	▶ Current Rating : 25A ▶ Contact Resistance : 3mΩ Max(Initial) ▶ Insulation Resistance : DC 500V 100MΩ Min ▶ Wire Size : 0.5~6.0	129
250 	▶Terminal Tab Size : 250 ▶Terminal M : Brass / Pre-Tin F : Brass / Pre-Tin ▶ Housing : PA66	▶ Current Rating : 20A ▶ Contact Resistance : 3mΩ Max(Initial) ▶ Insulation Resistance : DC 500V 100MΩ Min ▶ Wire Size : 0.3~3.0	130
250 D/L 	▶Terminal Tab Size : 250 ▶Terminal M : Brass / Pre-Tin F : Brass / Pre-Tin ▶ Housing : PA66	▶ Current Rating : 20A ▶ Contact Resistance : 3mΩ Max(Initial) ▶ Insulation Resistance : DC 500V 100MΩ Min ▶ Wire Size : 0.3~3.0	135
250III 	▶Terminal Tab Size : 250 ▶Terminal F : Brass / Pre-Tin ▶ Housing : P.B.T	▶ Current Rating : 20A ▶ Contact Resistance : 3mΩ Max(Initial) ▶ Insulation Resistance : DC 500V 100MΩ Min ▶ Wire Size : 0.3~3.0	137

*Allowable current may vary depending no. of poles used, size of the wire, time elapsed, temperature etc.

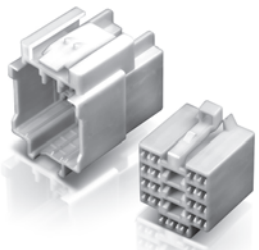
AUTOMOTIVE LINEUP

APPEARANCE	MATERIAL	SPECIFICATIONS	PAGE
250 WP(58X) 	▶Terminal Tab Size : 250 ▶Terminal M : Brass / Pre-Tin F : Brass / Pre-Tin ▶ Housing : PA66	▶ Current Rating : 20A ▶ Contact Resistance : 3mΩ Max(Initial) ▶ Insulation Resistance : DC 500V 250MΩ Min ▶ Wire Size : 0.5~3.0	139
250(630) 	▶Terminal Tab Size : 250(630) ▶Terminal M : Brass / Pre-Tin F : Copper Alloy / Pre-Tin ▶ Housing : P.B.T	▶ Current Rating : 25A ▶ Contact Resistance : 3mΩ Max(Initial) ▶ Insulation Resistance : DC 500V 100MΩ Min ▶ Wire Size : 0.5~4.0	140
312 	▶Terminal Tab Size : 312 ▶Terminal M : Brass / Pre-Tin F : Brass / Pre-Tin ▶ Housing : PA66	▶ Current Rating : 30A ▶ Contact Resistance : 3mΩ Max(Initial) ▶ Insulation Resistance : DC 500V 100MΩ Min ▶ Wire Size : 0.3~5.0	141
312II 	▶Terminal Tab Size : 312 ▶Terminal M : Brass / Pre-Tin F : Brass / Pre-Tin Copper Alloy / Pre-Tin ▶ Housing : P.B.T	▶ Current Rating : 42A ▶ Contact Resistance : 3mΩ Max(Initial) ▶ Insulation Resistance : DC 500V 100MΩ Min ▶ Wire Size : 2.0~8.0	143
312II WP 	▶Terminal Tab Size : 312 ▶Terminal M : Brass / Pre-Tin F : Brass / Pre-Tin Copper Alloy / Pre-Tin ▶ Housing : P.B.T	▶ Current Rating : 42A ▶ Contact Resistance : 3mΩ Max(Initial) ▶ Insulation Resistance : DC 500V 100MΩ Min ▶ Wire Size : 1.25~8.0	144
375(58L) 	▶Terminal Tab Size : 375 ▶Terminal M : Copper Alloy / Pre-Tin F : Copper Alloy / Pre-Tin ▶ Housing : PA 66	▶ Current Rating : 60A ▶ Contact Resistance : 2mΩ Max(Initial) ▶ Insulation Resistance : DC 500V 100MΩ Min ▶ Wire Size : 3.0~10.0	147

*Allowable current may vary depending no. of poles used, size of the wire, time elapsed, temperature etc.

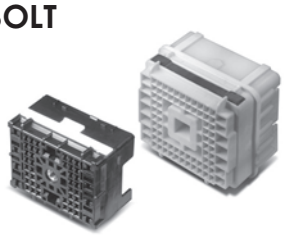
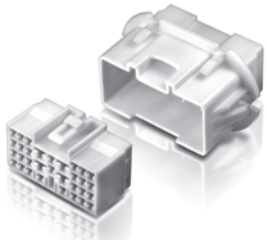
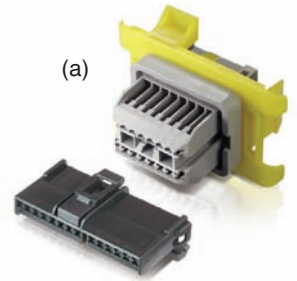
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AUTOMOTIVE LINEUP

APPEARANCE	MATERIAL	SPECIFICATIONS	PAGE
375 WP 	▶Terminal Tab Size : 375 ▶Terminal M : Copper Alloy / Ag F : Copper Alloy / Ag ▶ Housing : PBT GF 15	▶ Current Rating : 60A ▶ Contact Resistance : 2mΩ Max(Initial) ▶ Insulation Resistance : DC 500V 100MΩ Min ▶ Wire Size : 10.0~15.0	149
375(58Y) 	▶Terminal Tab Size : 375 ▶Terminal M : Copper Alloy / Pre-Tin F : Copper Alloy / Pre-Tin ▶ Housing : P.B.T	▶ Current Rating : 60A ▶ Contact Resistance : 2mΩ Max(Initial) ▶ Insulation Resistance : DC 500V 100MΩ Min ▶ Wire Size : 3.0~10.0	150
375(950) 	▶Terminal Tab Size : 375 ▶Terminal F : Copper Alloy / Pre-Tin ▶ Housing : P.B.T	▶ Current Rating : 80A ▶ Contact Resistance : 1mΩ Max(Initial) ▶ Insulation Resistance : DC 500V 100MΩ Min ▶ Wire Size : 8.0~15.0	152
CONNECTOR CLIP 			153
HYBRID 	▶Terminal Tab Size : 025/ 040/ 050/ 060/ 070/ 090/ 110/ 187/ 250/ 375 ▶Terminal M : Brass / Pre-Tin F : Brass, Copper Alloy/Pre-Tin ▶ Housing : P.B.T	▶ Current Rating : 5A/5A/5A/10A/9A/10A/15A/20A/ 25A/60A ▶ Contact Resistance : 10/5/5/5/3/3/3/3/3/2mΩ Max(Initial) ▶ Insulation Resistance : DC 500V 100MΩ Min ▶ Wire Size : 0.22~8.0	158
HYBRID(LEVER TYPE) 	▶Terminal Tab Size : 025/ 040/ 060/ 090/ 110/ 187/250 ▶Terminal M : Brass / Pre-Tin F : Copper Alloy / Pre-Tin ▶ Housing : P.B.T	▶ Current Rating : 5A / 5A / 10A / 10A / 15A / 20A / 25A ▶ Contact Resistance : 10/5/5/3/3/3/3m Ω Max(Initial) ▶ Insulation Resistance : DC 500V 100MΩ Min ▶ Wire Size : 0.22~4.0	167

*Allowable current may vary depending no. of poles used, size of the wire, time elapsed, temperature etc.

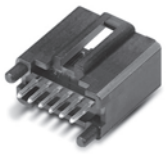
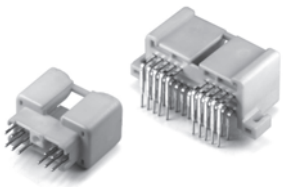
AUTOMOTIVE LINEUP

APPEARANCE	MATERIAL	SPECIFICATIONS	PAGE
HYBRID WP 	▶Terminal Tab Size : 025/ 060/ 110/ 187/ 312/ 375 ▶Terminal 090 M : Brass / Pre-Tin F : Copper Alloy / Pre-Tin 187 M : Brass / Pre-Tin 312 F : Brass / Pre-Tin Copper Alloy / Pre-Tin 375 M : Copper Alloy /Ag F : Copper Alloy /Ag ▶Housing : P.B.T	▶ Current Rating : 5A/10A/15A/20A/42A/60A ▶ Contact Resistance : 10/5/3/3/3/2mΩMax(Initial) ▶ Insulation Resistance : DC 500V 100MΩ Min ▶ Wire Size : 0.3~15.0	177
FAKRA HYBRID(LEVER TYPE) 	▶Terminal Tab Size : 025/060/110/250/FAKRA ▶Terminal 025 M : Copper Alloy / Pre-Tin F : Copper Alloy / Pre-Tin 060 M : Brass / Pre-Tin F : Copper Alloy / Pre-Tin 110 M : Brass / Pre-Tin F : Copper Alloy / Pre-Tin ▶Housing : P.B.T	▶ Current Rating : 5A / 10A / 15A/ 25A ▶ Contact Resistance : 10/5/3/3m ΩMax(Initial) ▶ Insulation Resistance : DC 500V 100MΩ Min ▶ Wire Size : 0.22~4.0	179
HYBRID BOLT 	▶Terminal Tab Size : 090 / 187 / 312 ▶Terminal 090 M : Brass / Pre-Tin F : Copper Alloy / Pre-Tin 187 M : Brass / Pre-Tin 312 F : Brass / Pre-Tin Copper Alloy / Pre-Tin ▶Housing : P.B.T	▶ Current Rating : 10A / 20A / 42A ▶ Contact Resistance : 3 / 5mΩ Max(Initial) ▶ Insulation Resistance : DC 500V 100MΩ Min ▶ Wire Size : 0.22~8.0	184
DOOR 	▶Terminal Tab Size : 025/040/050/060/070/090/110/187 ▶Terminal M : Brass / Pre-Tin F : Copper Alloy / Pre-Tin ▶ Housing : P.B.T	▶ Current Rating : 5A/5A/5A/10A/9A/10A/15A/ 20A ▶ Contact Resistance : 10/5/5/5/3/3/3/3m ΩMax(Initial) ▶ Insulation Resistance : DC 500V 100MΩ Min ▶ Wire Size : 0.22~3.0	185
CLUSTER (a) (b) 	▶Terminal Tab Size ▶Terminal F : Brass / Pre-Tin F : Copper Alloy / Pre-Tin ▶ Housing : PA66 (a) : P.B.T (b)	▶ Current Rating : 10A ▶ Contact Resistance : 3mΩ Max(Initial) ▶ Insulation Resistance : DC 500V 100MΩ Min ▶ Wire Size : 0.3~1.25	190
PCB 025II 025RF C025N110 	▶Terminal Tab Size : 025 / 040 / 090 / 110 ▶Terminal M : Brass / Sn-Plating F : Copper Alloy / Pre-Tin ▶ Housing : P.B.T	▶ Current Rating : 5A / 5A / 10A / 15A ▶ Contact Resistance : 5/10mΩ Max(Initial) ▶ Insulation Resistance : DC 500V 100MΩ Min ▶ Wire Size : 0.22~2.0	195

*Allowable current may vary depending no. of poles used, size of the wire, time elapsed, temperature etc.

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AUTOMOTIVE LINEUP

APPEARANCE	MATERIAL	SPECIFICATIONS	PAGE
PCB(SMD) 020 025II C025C060 070 025II Press Fit 060 Press Fit	 ▶Terminal Tab Size : 025 / 070 / 090 ▶Terminal M : Brass / Sn-Plating F : Copper Alloy / Pre-Tin ▶ Housing M : PPS F : P.B.T	▶ Current Rating : 5A / 9A / 10A ▶ Contact Resistance : 10 / 5 / 3mΩ Max(Initial) ▶ Insulation Resistance : DC 500V 100MΩ Min ▶ Wire Size : 0.22~2.0	200
PCB 030	 ▶Terminal Tab Size : 030 ▶Terminal M : Brass / Sn-Plating F : Copper Alloy / Pre-Tin ▶ Housing : P.B.T	▶ Current Rating : 5A ▶ Contact Resistance : 5mΩ Max(Initial) ▶ Insulation Resistance : DC 500V 100MΩ Min ▶ Wire Size : 0.22~0.85	204
PCB 040(SP) 040II 040III 04070 04090	 ▶Terminal Tab Size : 040 / 070 / 090 ▶Terminal M : Brass / Sn-Plating F : Brass / Copper Alloy ▶ Housing : P.B.T	▶ Current Rating : 5A / 9A / 10A ▶ Contact Resistance : 5mΩ Max(Initial) ▶ Insulation Resistance : DC 500V 100MΩ Min ▶ Wire Size : 0.22~2.0	205
PCB 050	 ▶Terminal Tab Size : 050 ▶Terminal M : Brass / Sn-Plating F : Copper Alloy / Pre-Tin ▶ Housing : P.B.T	▶ Current Rating : 5A ▶ Contact Resistance : 5mΩ Max(Initial) ▶ Insulation Resistance : DC 500V 100MΩ Min ▶ Wire Size : 0.3~0.5	214
PCB N060 060II	 ▶Terminal Tab Size : 060 ▶Terminal M : Brass / Sn-Plating F : Copper Alloy / Pre-Tin ▶ Housing : P.B.T	▶ Current Rating : 10A ▶ Contact Resistance : 5mΩ Max(Initial) ▶ Insulation Resistance : DC 500V 100MΩ Min ▶ Wire Size : 0.22~1.25	216
PCB 070 SDLII	 ▶Terminal Tab Size : 070 ▶Terminal M : Brass / Sn-Plating F : Copper Alloy / Pre-Tin ▶ Housing : P.B.T	▶ Current Rating : 9A ▶ Contact Resistance : 5mΩ Max(Initial) ▶ Insulation Resistance : DC 500V 100MΩ Min ▶ Wire Size : 0.22~2.0	217

*Allowable current may vary depending no. of poles used, size of the wire, time elapsed, temperature etc.

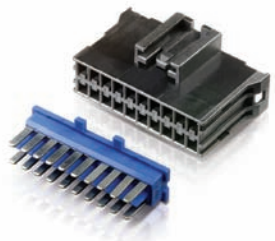
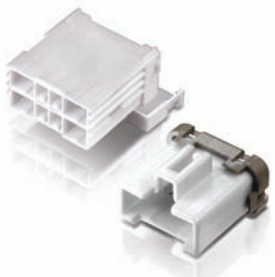
AUTOMOTIVE LINEUP

APPEARANCE	MATERIAL	SPECIFICATIONS	PAGE
PCB 090II ASC 110 118 	▶Terminal Tab Size : 090 / 110 / 118 ▶Terminal M : Brass / Sn-Plating F : Copper Alloy / Pre-Tin ▶ Housing : P.B.T	▶ Current Rating : 10A / 15A / 10A ▶ Contact Resistance : 3mΩ Max(Initial) ▶ Insulation Resistance : DC 500V 100MΩ Min ▶ Wire Size : 0.22~3.0	219
PCB 187II 1809 250 3109 375 	▶Terminal Tab Size : 090 / 187 / 250 / 312 / 375 ▶Terminal M : Brass / Sn-Plating F : Copper Alloy / Pre-Tin ▶ Housing : P.B.T	▶ Current Rating : 10A/28.5A/20A/42A/60A ▶ Contact Resistance : 3mΩ Max(Initial) ▶ Insulation Resistance : DC 500V 100MΩ Min ▶ Wire Size : 0.3~8.0	221
ECU & PCU 196P 	▶Terminal Tab Size : 050 / 110 ▶Terminal M : Copper Alloy / Sn-Plating F : Copper Alloy / Pre-Tin ▶ Housing : PA66 GF30	▶ Current Rating : 5A / 15A ▶ Contact Resistance : 3mΩ Max(Initial) ▶ Insulation Resistance : DC 500V 100MΩ Min ▶ Wire Size : 0.3~2.5	227
ECU 158P, 198P 	▶Terminal Tab Size : 050 / 060 / 110 ▶Terminal M : Copper Alloy / Sn-Plating F : Copper Alloy / Pre-Tin ▶ Housing : PA66 GF30	▶ Current Rating : 5A / 10A / 15A ▶ Contact Resistance : 3mΩ Max(Initial) ▶ Insulation Resistance : DC 500V 100MΩ Min ▶ Wire Size : 0.3~2.5	231
JOINT 025 WP 025II C025 C025 WP 	▶Terminal Tab Size : 025 ▶Terminal M : Brass / Pre-Tin F : Copper Alloy / Pre-Tin ▶ Housing : P.B.T	▶ Current Rating : 5A ▶ Contact Resistance : 10mΩ Max(Initial) ▶ Insulation Resistance : DC 500V 100MΩ Min ▶ Wire Size : 0.22~0.5	234
JOINT 060 C060 060 WP 060110 	▶Terminal Tab Size : 060/110 ▶Terminal M : Brass / Pre-Tin F : Copper Alloy / Pre-Tin ▶ Housing : PA66	▶ Current Rating : 10A / 15A ▶ Contact Resistance :5mΩ Max(Initial) ▶ Insulation Resistance : DC 500V 100MΩ Min ▶ Wire Size : 0.22~3.0	235

*Allowable current may vary depending no. of poles used, size of the wire, time elapsed, temperature etc.

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AUTOMOTIVE LINEUP

APPEARANCE	MATERIAL	SPECIFICATIONS	PAGE
JOINT 070 	▶Terminal Tab Size : 070 ▶Terminal M : Brass / Pre-Tin F : Copper Alloy / Pre-Tin ▶ Housing : PA66, P.B.T	▶ Current Rating : 9A ▶ Contact Resistance : 3mΩ Max(Initial) ▶ Insulation Resistance : DC 500V 100MΩ Min ▶ Wire Size : 0.3~2.0	236
JOINT ASC WP 	▶Terminal Tab Size : 090 ▶Terminal M : Brass / Pre-Tin F : Copper Alloy / Pre-Tin ▶ Housing : P.B.T	▶ Current Rating : 10A ▶ Contact Resistance : 3mΩ Max(Initial) ▶ Insulation Resistance : DC 500V 100MΩ Min ▶ Wire Size : 0.3~2.0	236
JOINT 090 090II 	▶Terminal Tab Size : 090 ▶Terminal M : Brass / Pre-Tin F : Brass, Copper Alloy/Pre-Tin ▶ Housing : P.B.T	▶ Current Rating : 10A ▶ Contact Resistance : 3mΩ Max(Initial) ▶ Insulation Resistance : DC 500V 100MΩ Min ▶ Wire Size : 0.3~2.0	239
EARTH 	▶Terminal Tab Size : 090 / 187 / 250 ▶Terminal M : Brass / Pre-Tin F : Copper Alloy/Pre-Tin ▶ Housing : P.B.T	▶ Current Rating : 9A / 20A / 25A ▶ Contact Resistance : 3mΩ Max(Initial) ▶ Insulation Resistance : DC 500V 100MΩ Min ▶ Wire Size : 0.3~3.0	241
RELAY 	▶Terminal Tab Size : 187 / 250 / 312 / 375 ▶Terminal F : Brass / Pre-Tin ▶ Housing : PA66	▶ Current Rating : 15A / 20A / 30A / 60A ▶ Contact Resistance : 3mΩ Max(Initial) ▶ Insulation Resistance : DC 500V 100MΩ Min ▶ Wire Size : 0.3~8.0	243
HEAD-LAMP 	▶Terminal Tab Size : 110 ▶Terminal F : Copper Alloy / Pre-Tin ▶ Housing : Nylon 66, P.B.T	▶ Current Rating : 15A ▶ Contact Resistance : 3mΩ Max(Initial) ▶ Insulation Resistance : DC 500V 100MΩ Min ▶ Wire Size : 0.5~2.0	244

*Allowable current may vary depending no. of poles used, size of the wire, time elapsed, temperature etc.

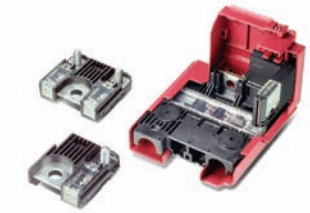
AUTOMOTIVE LINEUP

APPEARANCE	MATERIAL	SPECIFICATIONS	PAGE
HEAD-LAMP 	▶Terminal Tab Size : 090 ▶Terminal M : Brass / Pre-Tin F : Copper Alloy / Pre-Tin ▶ Housing : P.B.T	▶ Current Rating : 10A ▶ Contact Resistance : ▶ Insulation Resistance : ▶ Wire Size : 0.3~2.0	246
BULB SOCKET FRONT TURN SIGNAL POSITION 	▶FRONT LAMP ▶TURN SIGNAL LAMP ▶POSITION LAMP		251
BULB SOCKET RCL BACK-UP HMSL LICENSE 	▶RCL(REAR COMBI LAMP) ▶BACK-UP LAMP ▶HMSL(HIGH MOUNT STOP LAMP) ▶LICENSE LAMP		255
COVER 			270
BOX (CONVENTIONAL TYPE) 	▶Main Body : PA66+PPE ▶Upper Cover, Lower Cover : PP-TD ▶Upper Cover Circuit Print : Label Sticker, Silk print : Laser-marking ▶Bus-Bar : Copper Alloy & Brass	▶ Rated Voltage : DC12V ▶ Humidity Range : 0 ~ 90% ▶ Temperature Range : -30℃~+90℃	279
BOX(PCB TYPE) 	▶Main Cover : PA66+PPE ▶Under Cover : PA66+PPE ▶PCB : FR4	▶ Rated Voltage : DC12V ▶ Humidity Range : 0 ~ 90% ▶ Temperature Range : -30℃~+90℃	281

*Allowable current may vary depending no. of poles used, size of the wire, time elapsed, temperature etc.

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AUTOMOTIVE LINEUP

APPEARANCE	MATERIAL	SPECIFICATIONS	PAGE
BOX(BUS-BAR TYPE) 	▶Main Body : PA66+PPE ▶Upper Cover, Lower Cover : PP-TD ▶Upper Cover Circuit Print : Laser-marking ▶Bus-Bar : Copper Alloy	▶ Rated Voltage : DC12V ▶ Humidity Range : 0 ~ 90% ▶ Temperature Range : -30℃~+90℃	282
BOX(Bus-Bar & Wire Type) 	▶Main Cover, Under Cover : PP-TD ▶Insulation Plate, Wire Cover : PP-TD ▶Bracket : Steel, PP+GF ▶Bus-Bar : Copper Alloy	▶ Rated Voltage : DC12V ▶ Humidity Range : 0 ~ 90% ▶ Temperature Range : -30℃~+60℃	282
PRA 	▶Base Body : PA66+PPE ▶Upper Cover : PA66+PPE ▶Bus-Bar : Copper	▶ Current Rating : 80A ▶ Voltage Rating : DC450V ▶ Temperature Range : -35℃~+75℃	283
HIGH VOLTAGE CONNECTOR 	▶Terminal Tab Size : 280 / Ø9 ▶Terminal M : Copper Alloy F : Copper Alloy ▶ Housing : PBT+GF	▶ Current Rating : 20A / 40A / 200A ▶ Voltage Rating : 650 Vdc ▶ Wire Size : 3SQ/40SQ Shield Cable	284
CHARGE COUPLER 	▶SAE J1772(Rev. 2010) : AC Level 1, 2 ▶Terminal M : Copper Alloy / Ag F : Copper Alloy / Ag ▶ Body : PA66+GF	▶ Current Rating : Max 32A ▶ Voltage Rating : 265 Vac ▶ Temperature Range : -40℃ ~ +85℃	288
BATTERY FUSE TERMINAL 	▶Body : PA6T-GF ▶Element Cover : PES ▶ CAP : PP ▶ Bus Bar : Copper Alloy	▶ BFT 1P : Type A-150A : Type B-180A ▶ BFT 2P : Type A-120A 120A : Type B-150A 150A : Type C-150A 180A ▶ BFT 4P+1P : DSL Type-150A 80A 80A 430A+100A : GAS Type-150A 80A 80A 400A+80A	289

*Allowable current may vary depending no. of poles used, size of the wire, time elapsed, temperature etc.

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APPEARANCE	MATERIAL	SPECIFICATIONS	PAGE
MULTI FUSE 	▶Body : PA6T-GF ▶Element Cover : PES ▶ Bus Bar : Copper Alloy	▶ TYPE A : 80A 60A 40A 40A 40A 40A 60A 60A ▶ TYPE B : 80A 60A 60A 40A 40A 40A 60A 60A ▶ TYPE C : 80A 60A 40A 60A 40A 40A 60A 60A	291
SENSOR 	▶Cover : PBT+GF ▶Housing : PBT+GF ▶Cover Circuit Print : Label Sticker ▶Terminal : Copper Alloy	▶ Rated Voltage : DC12V or 5V ▶ Humidity Range : 0 ~ 90% ▶ Temperature Range : -40℃~+120℃	292
FLOATING BOARD TO BOARD 	▶Insulator : Nylon ▶Terminal : Copper Alloy ▶Metal Fitting : Copper Alloy	▶ Current Rating : 0.5A ▶ Contact Resistance : 50V AC/DC ▶ Withstanding Voltage : AC 500Vram/ Min	296
HIGH SPEED FLOATING B TO B 	▶Housing : Nylon, LCP ▶Signal Terminal : Copper Alloy ▶Power Terminal : Copper Alloy ▶Metal Fitting : Brass	▶ Impedance : 100Ω ▶ Maximum Rating Voltage : AC 250V ▶ Maximum Rating Current : Signal - 0.5A : Power - 3.0A	300
WIRE TO BOARD(2.0mm SMD) 	▶Insulator : Nylon ▶Terminal : Copper Alloy ▶Pin : Copper Alloy ▶Metal Fitting : Copper Alloy	▶ Current Rating : 3A AC/DC(2 Circuits) ▶ Voltage Rating : 250V AC/DC ▶ Contact Resistance : 30mΩ Max. ▶ Wire Size : AVSS 0.3SQ	302
2.5mm PCB DIRECT 	▶Housing : Nylon ▶Insulator : Copper Alloy ▶Inner Contact : Copper Alloy ▶Outer Contact :	▶ Impedance : 3A AC/DC(2 Circuits) ▶ Working Voltage : 250V AC/DC ▶ Contact Current : 30mΩ Max. ▶ Insulation Resistance : AVSS, AESSXF 0.3,0.5SQ	306

*Allowable current may vary depending no. of poles used, size of the wire, time elapsed, temperature etc.

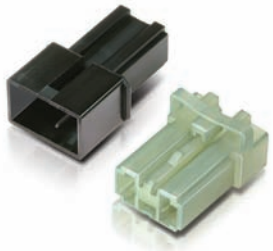
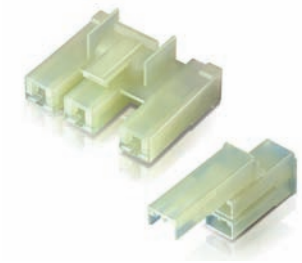
KET ENGINEERED

AUTOMOTIVE LINEUP

APPEARANCE	MATERIAL	SPECIFICATIONS	PAGE
LVDS 	▶Housing : Nylon, PBT ▶Insulator : LCP ▶Inner Contact : Copper Alloy ▶Outer Contact : Brass, Copper Alloy	▶ Character Impedance : 100Ω ▶ Maximum Rating Current : 1.5A DC ▶ Maximum Rating Voltage : 500V ▶ Contact Resistance : 30mΩ Max.	308
FAKRA(WIRE TO WIRE) 	▶Housing : PBT ▶Insulator : Thermo Plastic or Nylon ▶Inner Contact : Copper Alloy ▶Outer Contact : Copper Alloy, Brass	▶ Impedance : 50Ω ▶ Working Voltage : 335Vrms ▶ Contact Current : 1A DC ▶ Insulation Resistance : 1000MΩ	313
FAKRA(WAFER) 	▶Housing : Thermo Plastic ▶Insulator : Thermo Plastic, Teflon ▶Inner Contact : Copper Alloy ▶Outer Contact : Copper Alloy,Zinc Alloy	▶ Impedance : 50Ω ▶ Working Voltage : 335Vrms ▶ Contact Current : 1A DC ▶ Insulation Resistance : 1000MΩ	314

*Allowable current may vary depending no. of poles used, size of the wire, time elapsed, temperature etc.

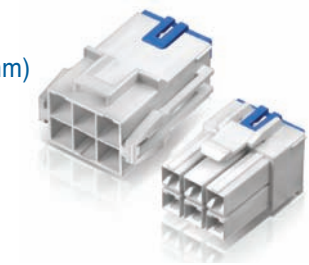
ELECTRONIC LINEUP

APPEARANCE	MATERIAL	SPECIFICATIONS	PAGE
P-LOCK 	▶Terminal Tab Size : 250 / 187 ▶Terminal F : Brass / Pre-Tin(.250) ▶Terminal F : Brass / Pre-Tin(.187) ▶ Housing : Nylon 66	▶ Current Rating : 20A / 15A ▶ Contact Resistance : 5mΩ Max(Initial) ▶ Insulation Resistance : DC 500V 1,000MΩ Min ▶ Wire Size : 0.5~5.0 / 0.3~2.0	320
312 **250** 	▶Terminal Tab Size : 312 / 250 ▶Terminal M : Brass / Pre-Tin F : Brass / Pre-Tin ▶ Housing : P.P Rein forced	▶ Current Rating : 42A / 20A ▶ Contact Resistance : 3mΩ Max(Initial) ▶ Insulation Resistance : DC 500V 1,000MΩ Min ▶ Wire Size : 0.3~5.0 / 0.3~3.0	331
250 (Pitch:10mm) 	▶Terminal Tab Size : 250 ▶Terminal F : Brass / Pre-Tin ▶ Housing : P.B.T	▶ Current Rating : 20A ▶ Contact Resistance : 3mΩ Max(Initial) ▶ Insulation Resistance : DC 500V 1,000MΩ Min ▶ Wire Size : 0.3~0.5	332
187 	▶Terminal Tab Size : 187 ▶Terminal F : Brass / Pre-Tin ▶ Housing : Nylon 66	▶ Current Rating : 15A ▶ Contact Resistance : 3mΩ Max(Initial) ▶ Insulation Resistance : DC 500V 1,000MΩ Min ▶ Wire Size : 0.3~3.0	336
110 	▶Terminal Tab Size : 110 ▶Terminal M : Brass / Pre-Tin F : Brass / Pre-Tin ▶ Housing : Nylon 6	▶ Current Rating : 10A ▶ Contact Resistance : 3mΩ Max(Initial) ▶ Insulation Resistance : DC 500V 1,000MΩ Min ▶ Wire Size : 0.3~1.5	337
110 WP (Pitch:6.6mm) 	▶Terminal Tab Size : 110 ▶Terminal M : Brass / Pre-Tin F : Copper Alloy / Pre-Tin ▶ Housing : P.B.T	▶ Current Rating : 5A ▶ Contact Resistance : 5mΩ Max(Initial) ▶ Insulation Resistance : DC 500V 1,000MΩ Min ▶ Wire Size : 0.22~0.35 & 0.22+0.22, 0.35+0.35	338

*Allowable current may vary depending no. of poles used, size of the wire, time elapsed, temperature etc.

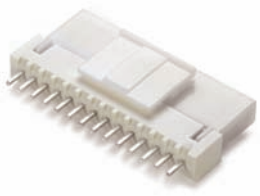
KET ENGINEERED

ELECTRONIC LINEUP

APPEARANCE	MATERIAL	SPECIFICATIONS	PAGE
Ø2.0 (Pitch:6.2mm) 	▶Terminal Tab Size : Ø2.0 ▶Terminal M : Brass / Pre-Tin F : Brass / Pre-Tin ▶ Housing : Nylon 6	▶ Current Rating : 15A ▶ Contact Resistance : 5mΩ Max(Initial) ▶ Insulation Resistance : DC 500V 1,000MΩ Min ▶ Wire Size : 0.2~2.0	341
Ø1.3 (Pitch:4.5mm) 	▶Terminal Tab Size : Ø1.3 ▶Terminal M : Brass / Pre-Tin F : Brass / Pre-Tin ▶ Housing : Nylon 66	▶ Current Rating : 10A ▶ Contact Resistance : 5mΩ Max(Initial) ▶ Insulation Resistance : DC 500V 1,000MΩ Min ▶ Wire Size : 0.3~1.25	343
3220 (Pitch:6.2mm) 	▶Terminal Tab Size : 125 ▶Terminal M : Phos. Bronze / Pre-Tin F : Brass / Pre-Tin ▶ Housing : P.B.T	▶ Current Rating : 20A ▶ Contact Resistance : 5mΩ Max(Initial) ▶ Insulation Resistance : DC 500V 1,000MΩ Min ▶ Wire Size : 0.8~2.4	345
0709 MULTI 	▶Terminal Tab Size : 090 / 070 ▶Terminal M : Copper Alloy / Pre-Tin F : Brass / Pre-Tin ▶ Housing : P.B.T	▶ Current Rating : 15A ▶ Contact Resistance : 5mΩ Max(Initial) ▶ Insulation Resistance : DC 500V 1,000MΩ Min ▶ Wire Size : 0.3~2.4	349
1806 D/L (Pitch:6.2mm) 	▶Terminal Tab Size : 070 ▶Terminal M : Brass / Pre-Tin F : Copper Alloy / Pre-Tin ▶ Housing : P.B.T	▶ Current Rating : 15A ▶ Contact Resistance : 5mΩ Max(Initial) ▶ Insulation Resistance : DC 500V 1,000MΩ Min ▶ Wire Size : 0.3~2.0	354
1806 (Pitch:6.0mm) 	▶Terminal Tab Size : 070 ▶Terminal M : Brass / Pre-Tin F : Copper Alloy / Pre-Tin ▶ Housing : P.B.T	▶ Current Rating : 15A ▶ Contact Resistance : 5mΩ Max(Initial) ▶ Insulation Resistance : DC 500V 1,000MΩ Min ▶ Wire Size : 0.3~2.0	357

*Allowable current may vary depending no. of poles used, size of the wire, time elapsed, temperature etc.

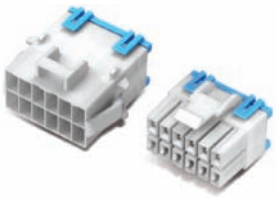
ELECTRONIC LINEUP

APPEARANCE	MATERIAL	SPECIFICATIONS	PAGE
1806 PCB (Pitch:6.0mm) (2P:8.0mm) 	▶Terminal Tab Size : 070 ▶Terminal M : Brass / Pre-Tin F : Copper Alloy / Pre-Tin ▶ Housing : Nylon 66	▶ Current Rating : 15A ▶ Contact Resistance : 5mΩ Max(Initial) ▶ Insulation Resistance : DC 500V 1,000MΩ Min ▶ Wire Size : 0.3~2.0	361
060 PCB (Pitch:4.2mm) 	▶Terminal Tab Size : 060 ▶Terminal M : Brass / Pre-Tin F : Copper Alloy / Pre-Tin ▶ Housing : P.B.T(UL94Vo)	▶ Current Rating : 10A ▶ Contact Resistance : 5mΩ Max(Initial) ▶ Insulation Resistance : DC 500V 1,000MΩ Min ▶ Wire Size : 0.2~0.75	362
1006 (Pitch:2.5mm) 	▶Terminal Tab Size : 040 ▶Terminal M : Brass / Pre-Tin F : Copper Alloy / Pre-Tin ▶ Housing : Nylon	▶ Current Rating : 3A ▶ Contact Resistance : 5mΩ Max(Initial) ▶ Insulation Resistance : DC 500V 1,000MΩ Min ▶ Wire Size : 0.13~0.33	363
2.5mm WTB 	▶Terminal Tab Size : ▶Terminal ▶ Housing :	▶ Current Rating : 4A ▶ Contact Resistance : 10mΩ Max(Initial) ▶ Insulation Resistance : 1,000MΩ Min ▶ Wire Size : 0.13~0.22	365
2.5mm IDC 	▶Terminal Tab Size : ▶Terminal ▶ Housing :	▶ Current Rating : 4A ▶ Contact Resistance : 10mΩ Max(Initial) ▶ Insulation Resistance : 1,000MΩ Min ▶ Wire Size : 0.14~0.22	368
NEW 070 	▶Terminal Tab Size : 070 ▶Terminal ▶ Housing : PET+PC(GWIT) & P.B.T	▶ Current Rating : 15A ▶ Contact Resistance : 5mΩ Max(Initial) ▶ Insulation Resistance : DC 500V 1,000MΩ Min ▶ Wire Size : 0.22~2.17	371

*Allowable current may vary depending no. of poles used, size of the wire, time elapsed, temperature etc.

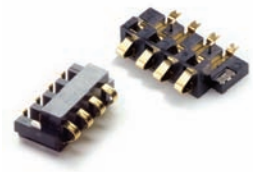
KET ENGINEERED

ELECTRONIC LINEUP

APPEARANCE	MATERIAL	SPECIFICATIONS	PAGE
070 WP (Pitch:5.8mm) 	▶Terminal Tab Size : 070 ▶Terminal M : Brass / Pre-Tin F : Copper Alloy / Pre-Tin ▶ Housing : PET+PC(GWIT)	▶ Current Rating : 15A ▶ Contact Resistance : 5mΩ Max(Initial) ▶ Insulation Resistance : DC 500V 1,000MΩ Min ▶ Wire Size : 0.35~2.2	374
NEW 060 (Pitch:4.2mm) 	▶Terminal Tab Size : 060 ▶Terminal M : Brass / Pre-Tin F : Copper Alloy / Pre-Tin ▶ Housing : PET+PC(GWIT) & P.B.T	▶ Current Rating : 10A ▶ Contact Resistance : 5mΩ Max(Initial) ▶ Insulation Resistance : DC 500V 1,000MΩ Min ▶ Wire Size : 0.22~1.3 & 0.34+0.34	375
NEW 050 (Pitch:4.2mm) (WP:5.1mm) 	▶Terminal Tab Size : 050 ▶Terminal M : Brass / Pre-Tin F : Copper Alloy / Pre-Tin ▶ Housing : Nylon 66 & PET+PC(GWIT)	▶ Current Rating : 8A ▶ Contact Resistance : 5mΩ Max(Initial) ▶ Insulation Resistance : DC 500V 1,000MΩ Min ▶ Wire Size : 0.22~0.85 & 0.5+0.5, 0.85+0.85	378
POWER BLOCK (Pitch:17.5mm) 	▶Terminal Tab Size ▶Terminal : Brass(Power Terminal) ▶ Housing : PHENOL	▶ Current Rating : 40A ▶ Contact Resistance : 3mΩ Max(Initial) ▶ Insulation Resistance : DC 500V 1,000MΩ Min ▶ Wire Size : 0.82~5.22	382

*Allowable current may vary depending no. of poles used, size of the wire, time elapsed, temperature etc.

ELECTRONIC(Display/Mobile) LINEUP

APPEARANCE	MATERIAL	SPECIFICATIONS	PAGE
HDMI 	▶Terminal : Brass or P-Bronze (Au Plating over Ni) ▶Shell : SUS or Bronze or SPC1 (Sn Plating or Ni Plating) ▶Insulator : LCP	▶ Current Rating : 0.5A ▶ Contact Resistance : 30mΩ Max(Initial) ▶ Insulation Resistance : 100MΩ Min	394
POKE IN SERIES 	▶Terminal : P-Bronze (Sn Plating over Ni or Sn Plating) ▶Insulator : LCP	▶ Current Rating : 1A ▶ Contact Resistance : 30mΩ Max(Initial) ▶ Insulation Resistance : 100MΩ Min	398
BATTERY 	▶Insulator : LCP / PA ▶Pin : Copper Alloy (Au Plating over Ni) ▶ Metal Shell : Stainless Steel(Ni-plating)	▶ Current Rating : 3A ▶ Contact Resistance : 50mΩ Max(Initial) ▶ Insulation Resistance : 1,000MΩ Min	404
MICRO USB 	▶Insulator : LCP / PA ▶Pin : Copper Alloy (Au Plating over Ni) ▶ Metal Shell : Stainless Steel(Ni-plating)	▶ Current Rating : 0.5A ▶ Contact Resistance : 50mΩ Max(Initial) ▶ Insulation Resistance : 1,000MΩ Min	405
C-CLIP 	▶Terminal : P-Bronze / Y-cut (Au Plating over Ni)	▶ Current Rating : 3A ▶ Contact Resistance : 50mΩ Max(Initial) ▶ Height : 1.3H, 1.45H, 1.6H, 2.0H, 3.0H	408

*Allowable current may vary depending no. of poles used, size of the wire, time elapsed, temperature etc.

PRODUCT LINEUP

APPEARANCE	MATERIAL	SPECIFICATIONS	PAGE

AUTOMOTIVE CONNECTOR

35~295page

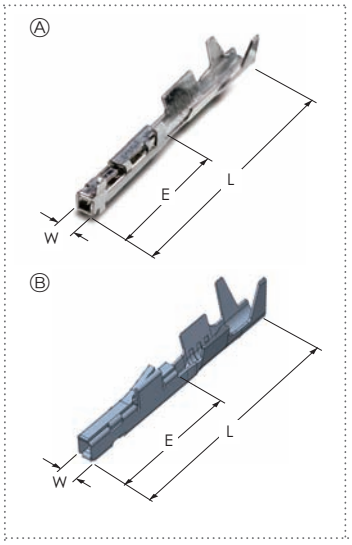


AUTOMOTIVE CONNECTOR

As the biggest connector maker in Korea, KET is growing into a foremost total component maker through expanding business into high-tech components for optical and mobile communications. Based on the advanced technology and the sound financial structure, KET delivers differentiated customer satisfaction.

020 CONNECTOR

TERMINAL

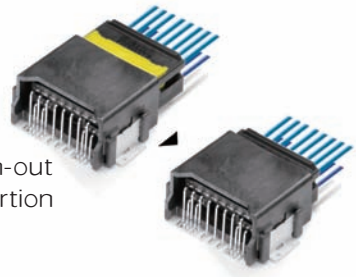


Part No.	Wire Range		Material	Dimension(mm)			Type
	AWG	mm²	Finish	L	E	W	
ST731407-3	26-24	CHFUS 0.22	Copper Alloy (Pre-Tin)	12.9	5.5	1.0	Ⓐ
ST731403-3	22	AVSS 0.3, CIVUS 0.35	Copper Alloy (Pre-Tin)	12.9	5.5	1.0	
ST731462-3	20-18	AESSXF 0.3, CIVUS 0.35	Copper Alloy (Pre-Tin)	13.5	6.8	0.95	Ⓑ

Ⓐ : Hosding Lance Ⓑ : Terminal Lance Type

▶The blade width of male terminal for this connector is 0.020 inch.(Distinctive Features)

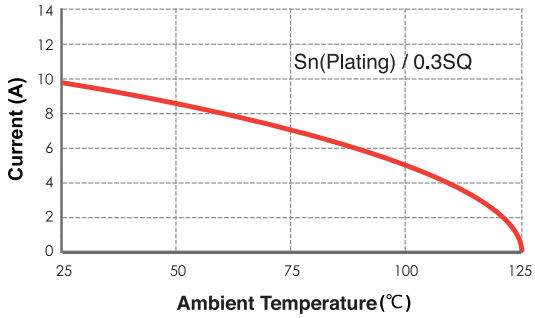
1. 2.0mm terminal pitch.
2. Pre-set spacer.
3. Double locking mechanism to prevent terminal push-out
4. Unification of spacer assures complete terminal insertion



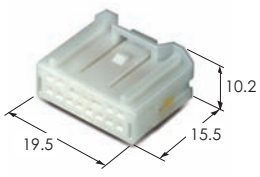
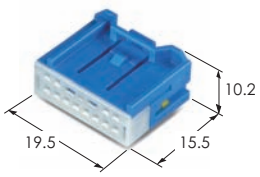
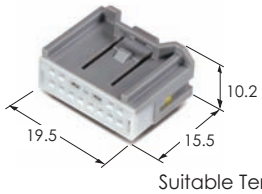
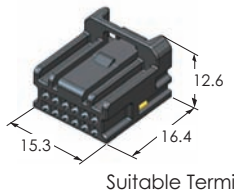
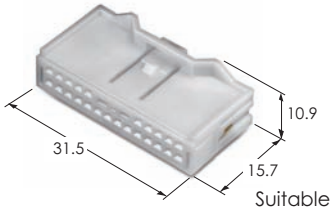
SPECIFICATIONS

Current Rating	3A
Temperature Range	-40 ~ 85℃
Contact Resistance	10mΩ Max(Initial)
Insulation Resistance	DC 500V 100MΩ Min
Wire Size	0.22 ~ 0.3mm²
Housing	P.B.T

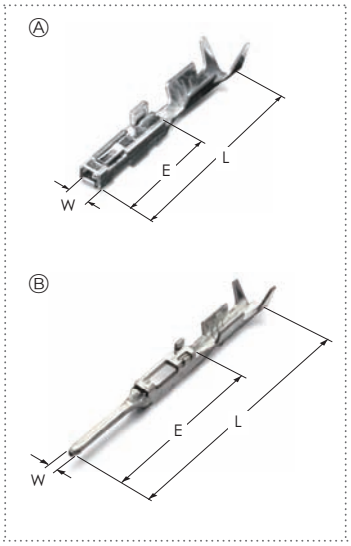
DERATING CURVE



HOUSING

Poles	Female
12	MG655794  Suitable Terminal : Ⓐ MG655815-2  Suitable Terminal : Ⓐ MG655814-5  Suitable Terminal : Ⓐ MG656835-4  Suitable Terminal : Ⓐ MG656971-4  Suitable Terminal : Ⓑ
24	MG656893  Suitable Terminal : Ⓐ

025II CONNECTOR



- The 025II Connector is super mini connector with blade width of 0.025 inch.
- Double locking mechanism to prevent terminal push-out.
- Inertial locking structure prevent incomplete assembly of connectors
- Improved workability through pro-set type spacer/holder structure

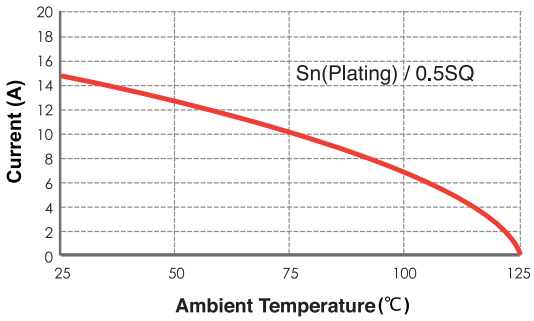
TERMINAL

Part No.	Wire Range		Material	Dimension(mm)			Type
	AWG	mm²	Finish	L	E	W	
ST731374-3	24	CHFUS 0.22	Copper Alloy(Pre-Tin)	15.5	7.0	1.5	Ⓐ
ST731374-G			Copper Alloy(Au)				
ST731375-3	22-20	AVSS 0.3~0.5	Copper Alloy(Pre-Tin)	15.5	7.0	1.5	
ST731375-G			Copper Alloy(Au)				
ST741345-3	24	CHFUS 0.22	Brass(Pre-Tin)	22.3	13.8	0.64	Ⓑ
ST741345-G			Brass(Au)				
ST741346-3	22-20	AVSS 0.3~0.5	Brass(Pre-Tin)	22.3	13.8	0.64	
ST741346-G			Brass(Au)				

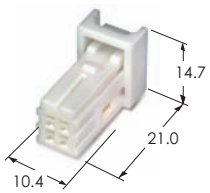
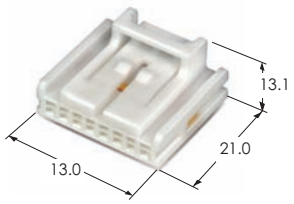
SPECIFICATIONS

Current Rating	5A
Temperature Range	-40 ~ 85℃
Contact Resistance	10mΩ Max(Initial)
Insulation Resistance	DC 500V 100MΩ Min
Wire Size	0.22 ~ 0.5mm²
Housing	P.B.T

DERATING CURVE

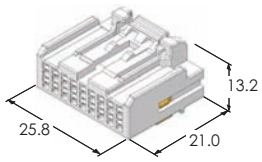
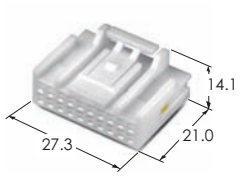
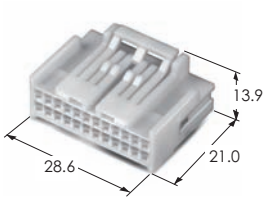
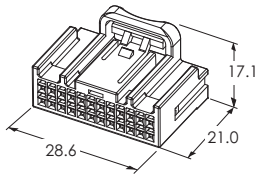
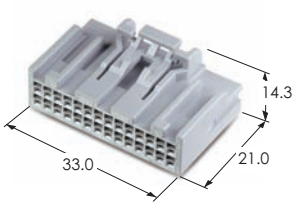
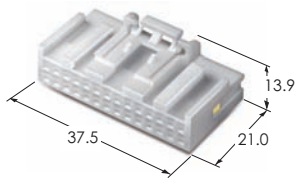
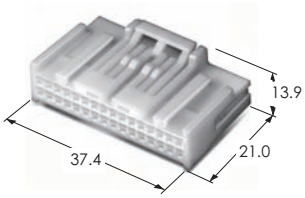
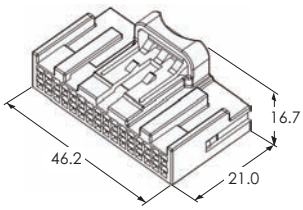
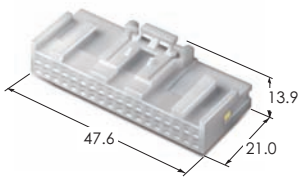
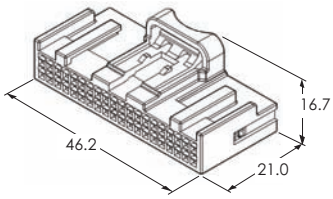


HOUSING

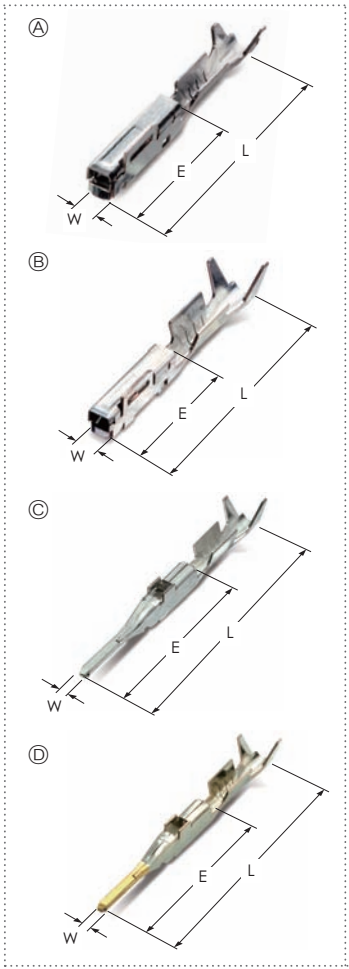
Poles	Female
4	MG656923 
8	MG656930  MG656924 

025II CONNECTOR

HOUSING

Poles	Female			
18	MG656929		20	MG655757 
24	MG655743 	MG655761 		MG655758 
28	MG655762 			MG655759 
32	MG655744 			MG655709 
36	MG655760 			
40	MG655708 			

C025 CONNECTOR



TERMINAL

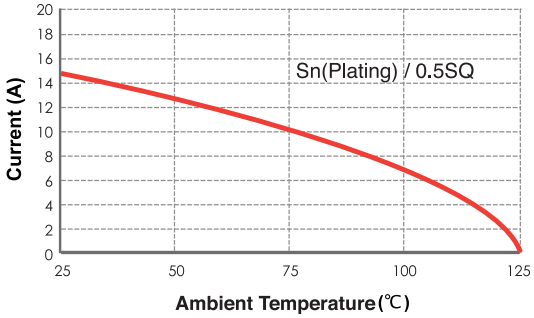
Part No.	Wire Range		Material	Dimension(mm)			Type
	AWG	mm²	Finish	L	E	W	
ST731410-3	24	CHFUS 0.22	Copper Alloy(Pre-Tin)	14.85	6.6	1.45	Ⓐ
ST731410-G			Copper Alloy(Au)				
ST731409-3	22-20	AVSS 0.3~0.5	Copper Alloy(Pre-Tin)	14.85	6.6	1.45	Ⓑ
ST731409-G			Copper Alloy(Au)				
ST741361-3	24	CHFUS 0.22	Copper Alloy(Pre-Tin)	21.9	13.65	0.64	Ⓒ
ST741361-G			Copper Alloy(Au)				
ST741360-3	22-20	AVSS 0.3~0.5 CIVUS 0.35, 0.5	Copper Alloy(Pre-Tin)	21.9	13.65	0.64	Ⓓ
ST741360-G			Copper Alloy(Au)				

- The C025 Connector is super mini connector with blade width of 0.025 inch.
- Double locking mechanism to prevent terminal push-out.
- Inertial locking structure prevent incomplete assembly of connectors
- Improved workability thought pro-set type spacer/holder structure

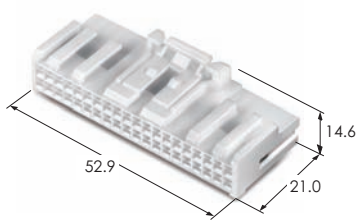
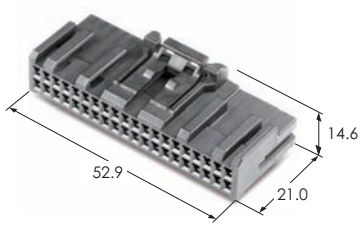
SPECIFICATIONS

Current Rating	5A
Temperature Range	-40 ~ 85℃
Contact Resistance	10mΩ Max(Initial)
Insulation Resistance	DC 500V 100MΩ Min
Wire Size	0.22 ~ 0.5mm²
Housing	P.B.T

DERATING CURVE

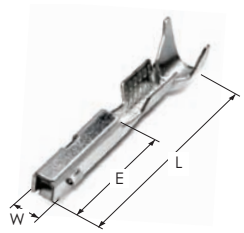


HOUSING

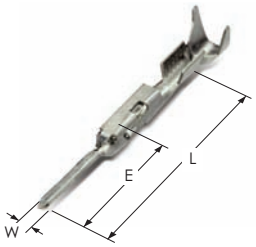
Poles	Female	
	MG 656872	MG 656873
40		

025 WP CONNECTOR

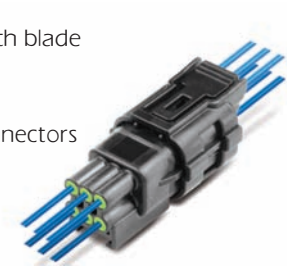
Ⓐ



Ⓑ



- The 025 Connector is super mini waterproof connector with blade width of 0.025 inch.
- Double locking mechanism to prevent terminal push-out.
- Inertial locking structure prevent incomplete assembly of connectors
- Improved workability through pro-set type spacer/ holder structure



TERMINAL

Part No.	Wire Range AWG	Wire Range mm²	Material Finish	Dimension(mm) L	E	W	Type
ST731363-3	24	AESSXF 0.22	Copper Alloy (Pre-Tin)	15.5	7.0	1.5	Ⓐ
ST731364-3	22-20	AESSXF 0.3-0.5	Copper Alloy (Pre-Tin)	15.5	7.0	1.5	
ST741337-3	24	AESSXF 0.22	Copper Alloy (Pre-Tin)	22.3	13.8	0.64	Ⓑ
ST741338-3	22-20	AESSXF 0.3-0.5	Copper Alloy (Pre-Tin)	22.3	13.8	0.64	

WIRE SEAL

Part No.	Wire Range mm²	Material	Color	Type
MG685387	AESSXF 0.3	Silicone	Blue	Ⓒ
MG685388	AESSXF 0.5	Silicone	Red	
MG685416	Dummy Seal	Silicone	Green	

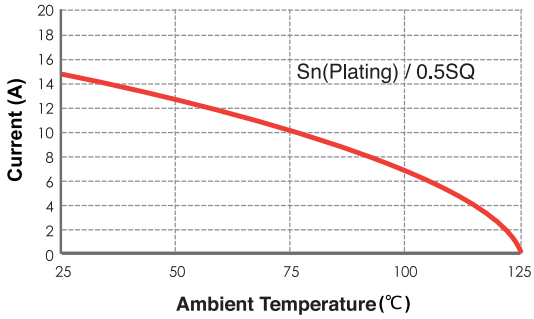
Ⓒ



SPECIFICATIONS

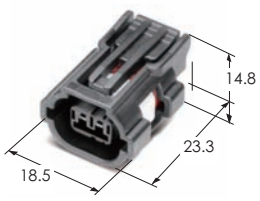
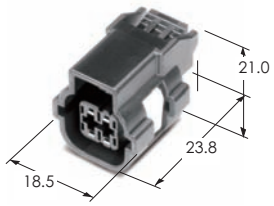
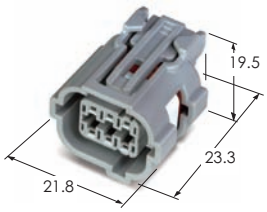
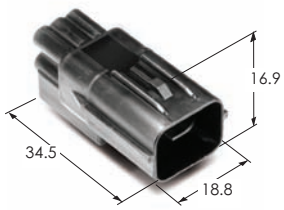
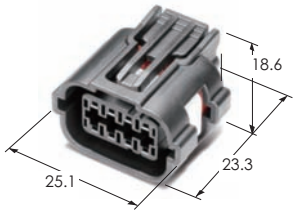
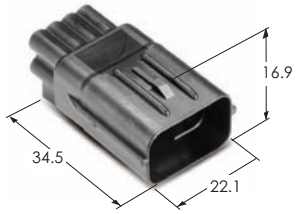
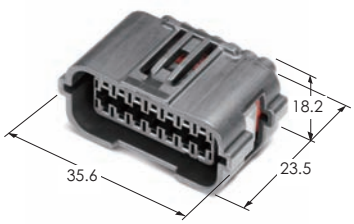
Current Rating	5A
Temperature Range	-40 ~ 125℃
Contact Resistance	10mΩ Max(Initial)
Insulation Resistance	DC 500V 100MΩ Min
Wire Size	0.22 ~ 0.5mm²
Housing	P.B.T

DERATING CURVE

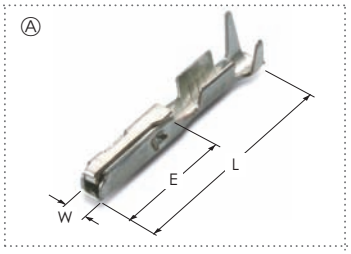


025 WP CONNECTOR

HOUSING

Poles	Female	Male
2	MG 645720 	
3	MG 645721 	
4	MG 645854 	MG 655806 
6	MG 645722 MG 645873 	MG 655669 MG 655820 
8	MG 645723 	MG 655670 
14	MG 645724 	

025 WP(RH) CONNECTOR





▶RH Connector is super mini warterproof connector with blade width of 0.025 inch.
(Distinctive Features)
- Improved vibration resistance
- Inertial locking structure prevent incomplete assembly of connectors.
- Improved workability through pre-set type front holder structure.

TERMINAL

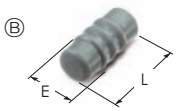
Part No.	Wire Range AWG	Wire Range mm²	Material Finish	Dimension(mm) L	Dimension(mm) E	Dimension(mm) W	Type
ST730963-3	22	CAVS 0.3, CAVUS 0.3 AESSXF 0.5	Copper Alloy(Pre-Tin)	14.85	6.0	1.45	Ⓐ
ST730963-G			Copper Alloy(Au)				
ST730962-3	20	CAVS 0.5, CAVUS 0.5 AESSXF 0.5	Copper Alloy(Pre-Tin)	14.85	6.0	1.45	
ST730962-G			Copper Alloy(Au)				
ST730961-3	18	CAVS 0.85, CAVUS 80.5 AESSXF 0.5	Copper Alloy(Pre-Tin)	21.9	13.65	1.45	
ST730961-G			Copper Alloy(Au)				
ST731435-3	22-20	AEXHF 0.3, AEXHF-BS 0.3	Copper Alloy(Pre-Tin)	21.9	13.65	1.45	

WIRE SEAL

Part No.	Wire Range mm²	Material	Color	Dimension(mm) L	Dimension(mm) E	Type
MG683293	CAVS 0.3, AESSXF 0.3 CAVUS 0.5	Silicone	Green	6.6	2.7	Ⓐ
MG683292	CAVS 0.5, AESSXF 0.5 CAVUS 0.85	Silicone	Brown	6.6	2.65	
MG683292-N	AEXHF 0.3, AEXHF-BS 0.3	Silicone	Brown	6.6	2.65	
MG683290	Dummy Seal	Silicone	Gray	6.0	2.9	Ⓑ



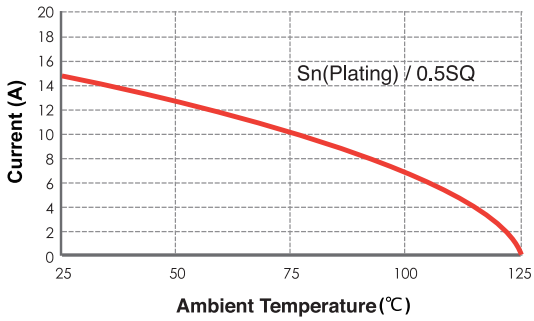




SPECIFICATIONS

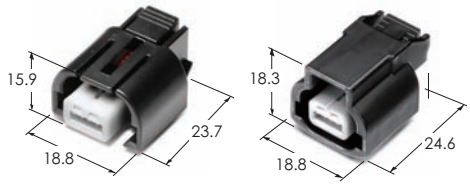
Current Rating	5A
Temperature Range	-40 ~ 125℃
Contact Resistance	10mΩ Max(Initial)
Insulation Resistance	DC 500V 100MΩ Min
Wire Size	0.3 ~ 0.5mm²
Housing	P.B.T

DERATING CURVE



HOUSING

Poles	Female / Cover		Poles	Female / Cover		Poles	Female / Cover
2	MG644111	MG656776	4	MG643278		6	MG643284
8	MG645066		46	MG643264	MG633268(RH 46P COVER)		

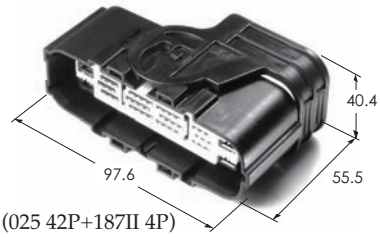




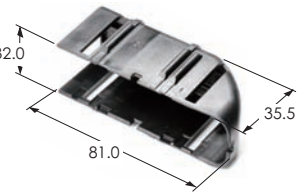




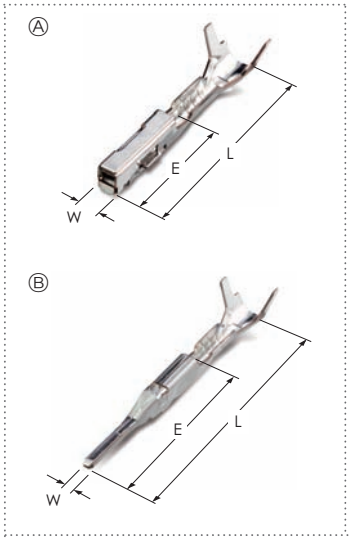
(025 5P+187 3P)



(025 42P+187II 4P)



C025 WP CONNECTOR



TERMINAL

Part No.	Wire Range AWG	Wire Range mm²	Material Finish	Dimension(mm) L	Dimension(mm) ∈	Dimension(mm) W	Type
ST731442-3	24	AESSXF 0.22	Copper Alloy (Pre-Tin)	15.5	6.6	1.45	Ⓐ
ST731441-3	24-20	AESSXF 0.3-0.5 CIVUS 0.35	Copper Alloy (Pre-Tin)	15.5	6.6	1.45	
ST741379-3	24	AESSXF 0.22	Copper Alloy (Pre-Tin)	22.8	13.9	0.64	Ⓑ
ST741378-3	24-20	AESSXF 0.3-0.5 CIVUS 0.35	Copper Alloy (Pre-Tin)	22.8	13.9	0.64	

- Miniature waterproof Connector with its tab size of 025.
- Signifiant improvement in water-proof function with individual wire seal.
- Double locking system eliminates terminal push-out.

WIRE SEAL

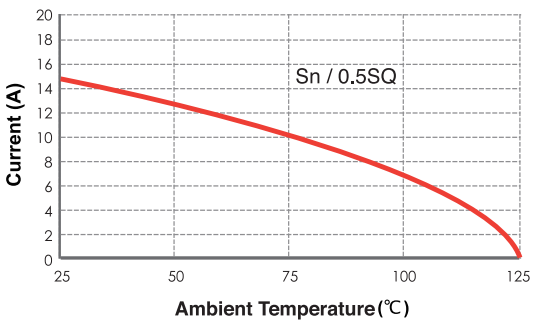
Part No.	Wire Range mm²	Material	Color	Dimension(mm) L	Dimension(mm) ∈	Type
MG 685534	AESSXF 0.22, CIVUS 0.35	Silicone	Yellow	5.4	3.4	
MG 685516	AESSXF 0.3	Silicone	Green	5.4	3.4	Ⓐ
MG 685517	AESSXF 0.5	Silicone	Red	5.4	3.4	
MG 685518	Dummy Seal	Silicone	Orange	7.2	3.4	Ⓑ



SPECIFICATIONS

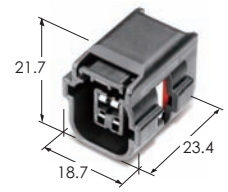
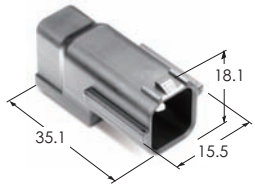
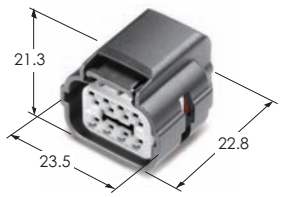
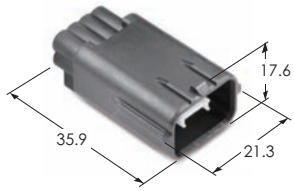
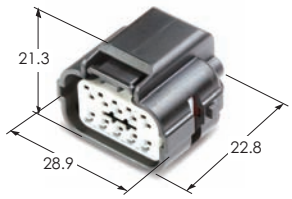
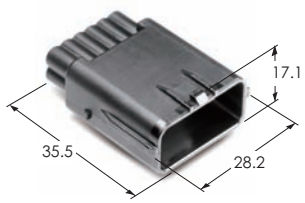
Current Rating	5A
Temperature Range	-40 ~ 125℃
Contact Resistance	10mΩ Max(Initial)
Insulation Resistance	DC 500V 100MΩ Min
Wire Size	0.22 ~ 0.5mm²
Housing	P.B.T

DERATING CURVE

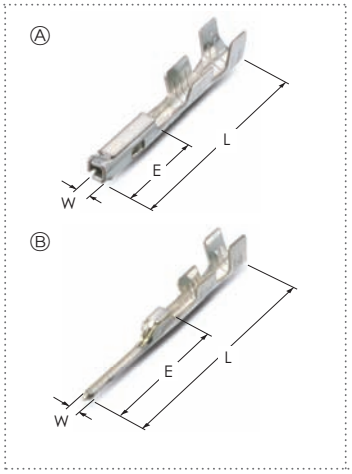


C025 WP CONNECTOR

HOUSING

Poles	Female	Male
2	MG 656894 (Shot Bar Type) 	MG 646056 
8	MG 656940 	MG 646043 
10	MG 656900 	MG 646061 
12	MG 656901 	MG 646062 

030(91A) CONNECTOR



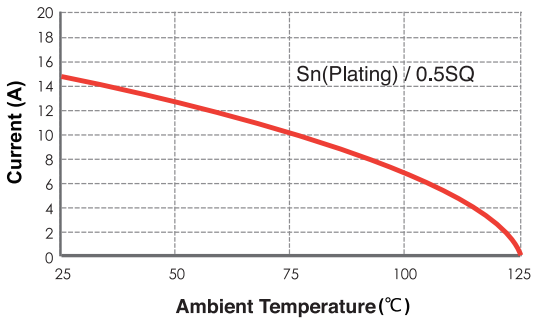
TERMINAL

Part No.	Wire Range		Material	Dimension(mm)			Type
	AWG	mm²	Finish	L	E	W	
ST731005-3	24	AVSS 0.22 CHFUS 0.22	Copper Alloy (Pre-Tin)	15.2	5.8	1.45	Ⓐ
ST731463-3	22-20	CIVUS 0.35-0.5	Copper Alloy (Pre-Tin)	15.2	5.8	1.45	
ST730913-3	22-20	CAVS 0.3-0.5 CAVUS 0.3-0.5 AVSS 0.3-0.5	Copper Alloy (Pre-Tin)	15.2	5.8	1.45	
ST730914-3	18	CAVUS 0.85	Copper Alloy (Pre-Tin)	15.2	5.8	1.45	
ST740928-3	22-20	CAVS 0.3-0.5 CAVUS 0.3-0.5	Copper Alloy (Pre-Tin)	19.9	10.9	0.8	Ⓑ
ST740929-3	18	CAVUS 0.85	Copper Alloy (Pre-Tin)	19.9	10.9	0.8	

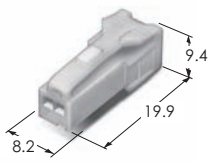
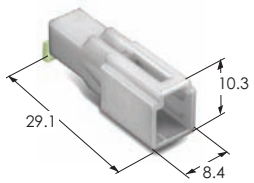
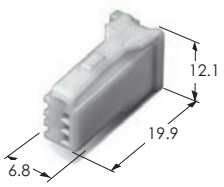
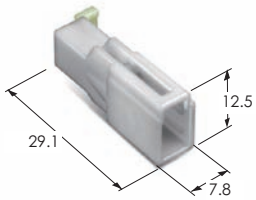
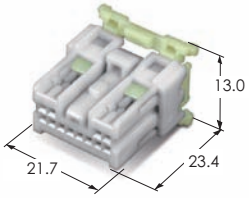
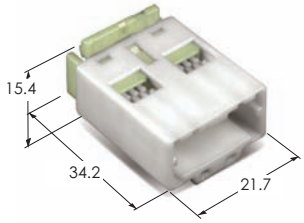
SPECIFICATIONS

Current Rating	5A
Temperature Range	-40 ~ 85℃
Contact Resistance	5mΩ Max(Initial)
Insulation Resistance	DC 500V 100MΩ Min
Wire Size	0.22 ~ 0.85mm²
Housing	P.B.T

DERATING CURVE

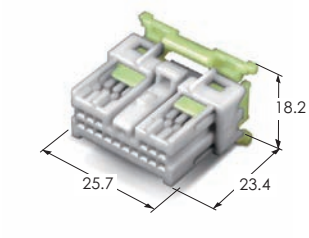
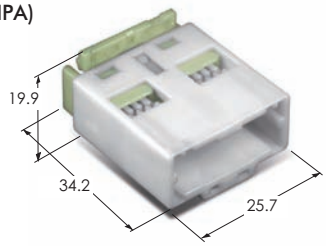
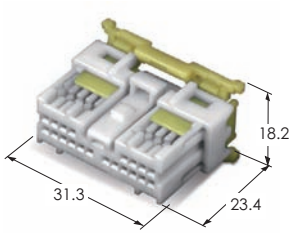
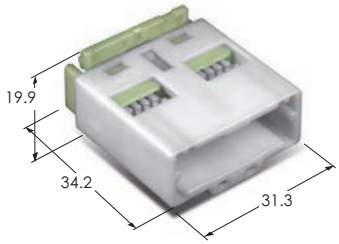


HOUSING

Poles	Female	Male
2	MG652630 	MG643269 
3	MG651444(PBT) MG654503(HPA) 	MG643272 
12	MG651397 	MG641394 MG643148(HPA) 

030(91A) CONNECTOR

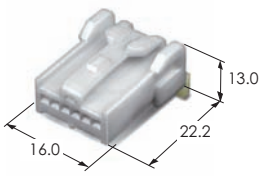
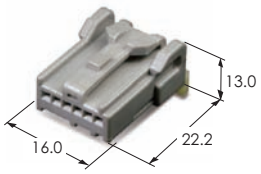
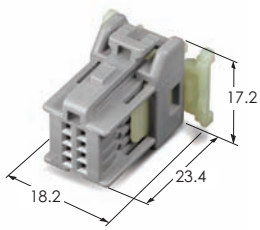
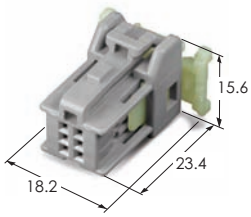
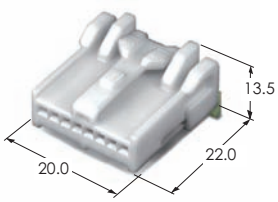
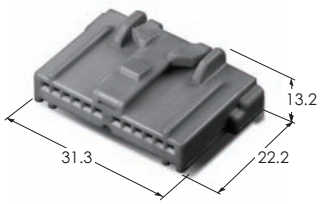
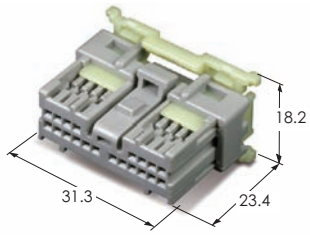
HOUSING

Poles	Female	Male
16	MG651428 	MG641425 MG643151(HPA) 
20	MG651412 	MG641409 

▶ The blade width of male terminal for this connector is 0.030 inch.(Distinctive Features)

1. Right/Left PITCH = 2mm, Top/Bottom PITCH=2.54mm
2. Double locking mechanism to prevent terminal push-out.
3. Unification of rear holder assures complete terminal insertion.
4. Female terminal is made up of two parts and utilizes highly reliable contact.

HOUSING

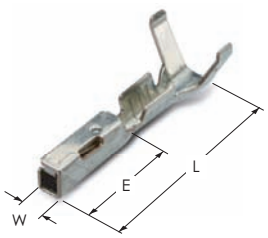
Poles	Female			
6	MG651439 	MG651441-4 	8	MG651434 
	MG653275 			MG652633 
12	MG651400 		20	MG651436-4 

040 CONNECTOR

▶Miniaturized non waterproof connector with its tab size of 040(1.0mm).
▶Housing with a spacer structure makes connection work easier and enhanced double lock function with rear holder, preventing loose connection/disconnection.

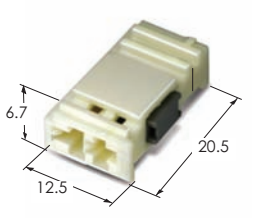
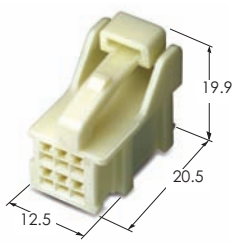
TERMINAL

Ⓐ



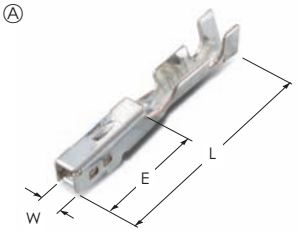
Part No.	Wire Range		Material	Dimension(mm)			Type
	AWG	mm^2	Finish	L	E	W	
ST730770-3	22-20	AVSS(CAVS) 0.3~0.5 CIVUS 0.35, 0.5	Copper Alloy (Pre-Tin)	15.9	7.0	1.85	
ST730770-G	22-20	AVSS(CAVS) 0.3~0.5 CIVUS 0.35, 0.5	Copper Alloy (Au)	15.9	7.0	1.85	
ST730960-3	18	AVSS(CAVS) 0.85	Copper Alloy (Pre-Tin)	15.9	7.0	1.85	Ⓐ
ST730960-G	18	AVSS(CAVS) 0.85	Copper Alloy (Au)	15.9	7.0	1.85	
ST731007-3	24	AVSS 0.22 CHFUS 0.22	Copper Alloy (Pre-Tin)	16.3	7.0	1.85	

HOUSING

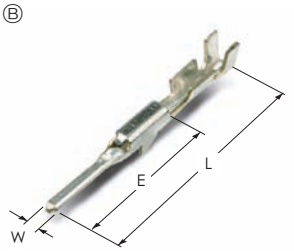
Poles	Female	Poles	Male
2	MG654806 	8	MG644801 
6	MG654809 		

040III CONNECTOR

Ⓐ



Ⓑ

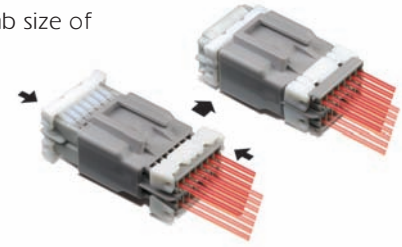


TERMINAL

Part No.	Wire Range		Material	Dimension(mm)			Type
	AWG	mm²	Finish	L	E	W	
ST731007-3	24	AVSS 0.22 CHFUS 0.22	Copper Alloy (Pre-Tin)	16.3	7.0	1.85	Ⓐ
ST730770-3	22-20	AVSS(CAVS) 0.3~0.5 CIVUS 0.35, 0.5	Copper Alloy(Pre-Tin)	15.9	7.0	1.85	
ST730770-G			Copper Alloy(Au)				
ST730960-3	18	AVSS(CAVS) 0.85	Copper Alloy(Pre-Tin)	15.9	7.0	1.85	
ST730960-G			Copper Alloy(Au)				
ST741015-3	24	AVSS 0.22	Copper Alloy (Pre-Tin)	23.8	14.9	1.0	Ⓑ
ST740771-3	22-20	AVSS(CAVS)0.3~05	Copper Alloy(Pre-Tin)	23.8	14.9	1.0	
ST740771-G			Copper Alloy(Au)				
ST740959-3	18	AVSS(CAVS) 0.85	Copper Alloy(Pre-Tin)	23.8	14.9	1.0	
ST740959-G			Copper Alloy(Au)				

▶Miniaturized non waterproof connector with its tab size of 040(1.0mm).

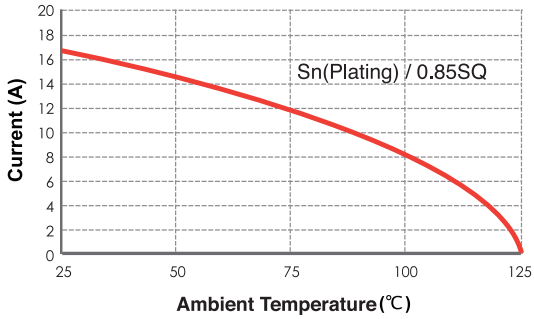
▶Housing with a spacer structure makes connection work easier and enhanced double lock function with rear holder, preventing loose connection/disconnection.



SPECIFICATIONS

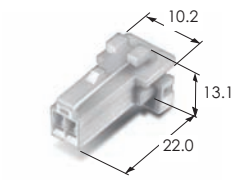
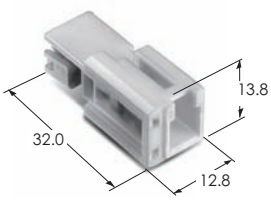
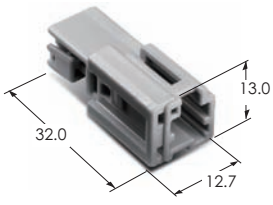
● Current Rating	5A
● Temperature Range	-40 ~ 85℃
● Contact Resistance	5mΩ Max(Initial)
● Insulation Resistance	DC 500V 100MΩ Min
● Wire Size	0.22 ~ 0.85mm²
● Housing	P.B.T

DERATING CURVE



HOUSING

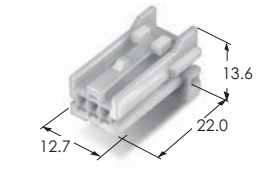
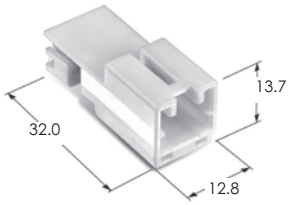
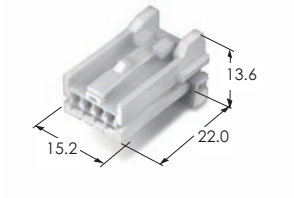
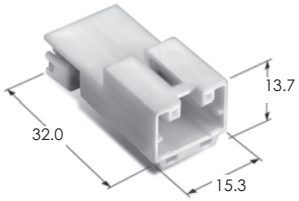
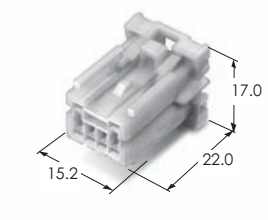
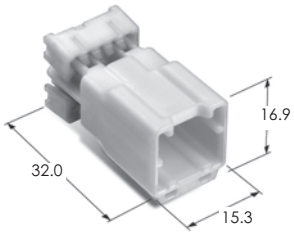
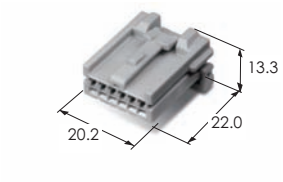
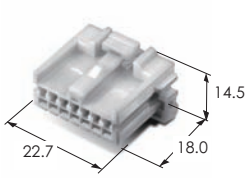
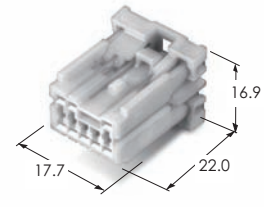
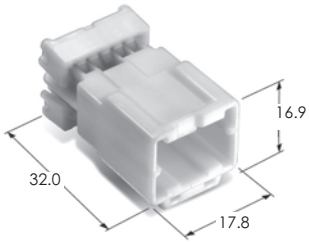
Suitable Clip : **SDL Type**

Poles	Female	Male
2	MG652987 	MG642984 
		MG643248  Suitable Connector : **Y7283-5973-40(YAZAKI)**

KET ENGINEERED

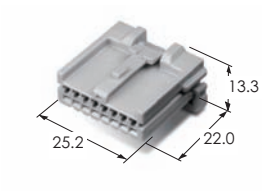
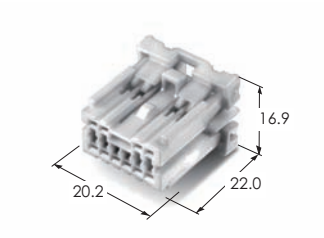
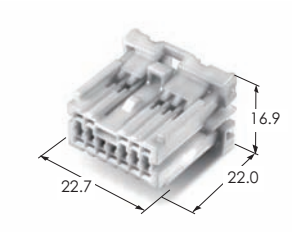
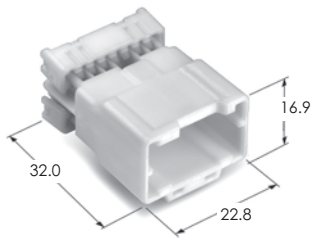
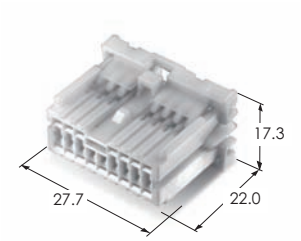
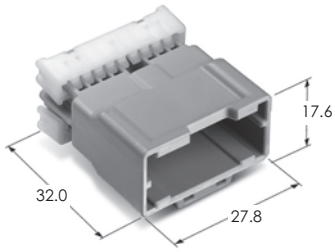
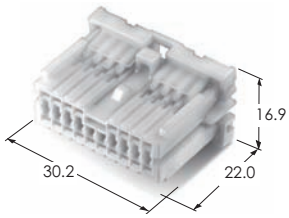
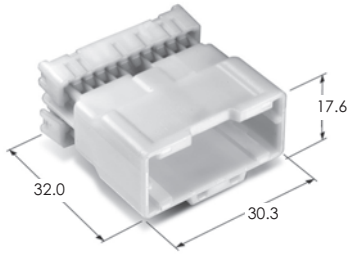
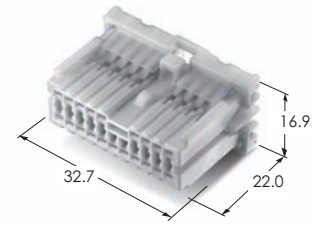
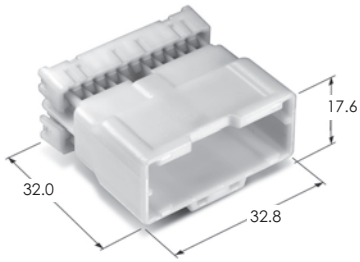
040III CONNECTOR

HOUSING

Poles	Female	Male
3	MG 652993 	MG 642990 
4	MG 652999 	MG 642996 
6	MG 653005 	MG 643002 
	MG 653251-41 	
7	MG 653605 	
8	MG 653257 	MG 643261 

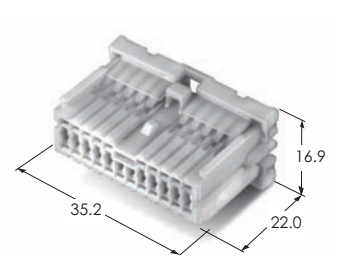
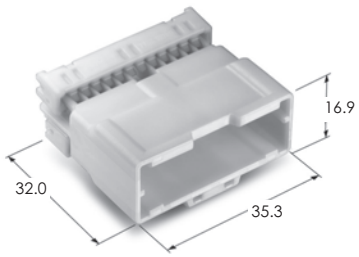
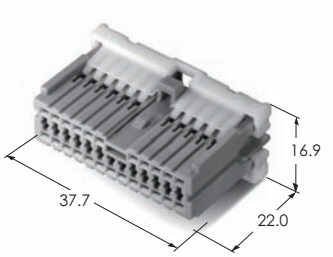
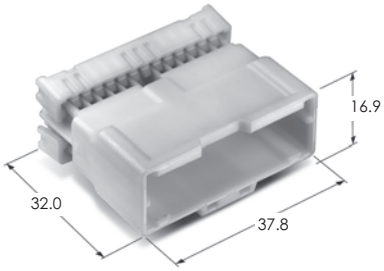
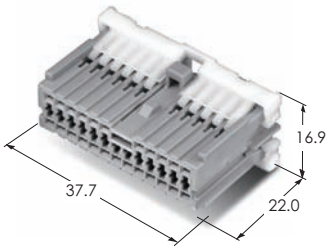
040III CONNECTOR

HOUSING

Poles	Female	Male
8	MG 653254-41 	
10	MG 653329 	
12	MG 653012 	MG 643009 
16	MG 653019 	MG 643016 
18	MG 652945 	MG 642941 
20	MG 653026 	MG 643023 

040III CONNECTOR

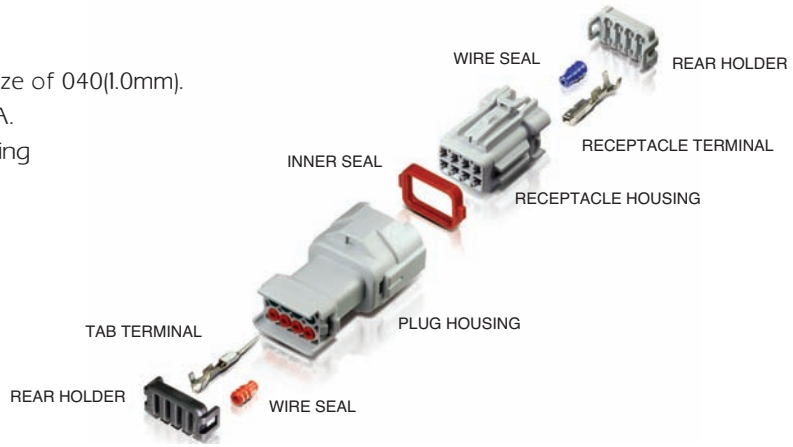
HOUSING

Poles	Female	Male
22	MG 652983 	MG 642979 
24	MG 653033 	MG 643030 
	MG 653537 	

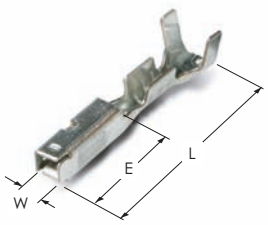
040 WP(RK) CONNECTOR

040 WP(RK) SERIES

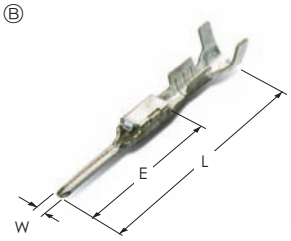
- Miniature waterproof Connector with its tab size of 040(1.0mm).
- Connectors suitable for allowable current of 3A.
  Double Locking structure with rear holder ensuring complete connection.



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Ⓑ



TERMINAL

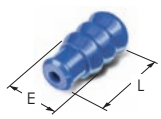
Suitable CLIP: **SDL** Type

Part No.	Wire Range AWG	Wire Range mm²	Material Finish	Dimension(mm) L	E	W	Type
ST730924-3	22~20	CAVS 0.3~0.5 CAVUS 0.3~0.5 AVX/AEX 0.5 AVXF/AEXF 0.5	Copper Alloy(Pre-Tin)	15.8	6.5	2.05	Ⓐ
ST730924-G			Copper Alloy(Au)				
ST730925-3	18	CAVS 0.85 CAVUS 0.85	Copper Alloy(Pre-Tin)	15.8	6.5	2.05	
ST730925-G			Copper Alloy(Au)				
ST740926-3	22~20	CAVS 0.3~0.5 CAVUS 0.3~0.5	Brass (Pre-Tin)	22.0	12.9	1.0	Ⓑ
ST740927-3	18	CAVS 0.85 CAVUS 0.85	Brass (Pre-Tin)	22.0	12.9	1.0	

WIRE SEAL

Part No.	Wire Range mm²	Material	Color	Dimension(mm) L	E	Type
MG682620	CAVUS 0.3~0.5 CAVS 0.3	Silicone	Blue	7.45	3.8	Ⓒ
MG682621	CAVUS 0.85 CAVS 0.5~0.85 AESSXF 0.5	Silicone	Red	7.45	3.8	
MG685384	AVX/AEX 0.5 AVXF/AEXF 0.5	Silicone	Red	7.45	3.8	
MG682622	Dummy Seal	Silicone	Green	6.1	4.1	

Ⓒ

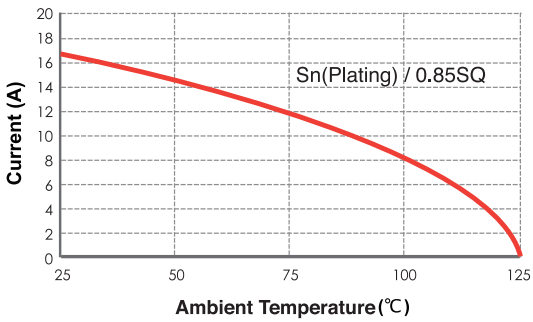




SPECIFICATIONS

Current Rating	5A
Temperature Range	-40 ~ 125℃
Contact Resistance	5mΩ Max(Initial)
Insulation Resistance	DC 500V 100MΩ Min
Wire Size	0.3 ~ 0.85mm²
Housing	P.B.T

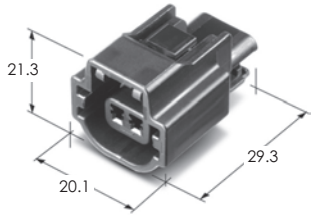
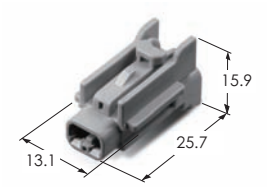
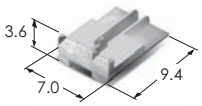
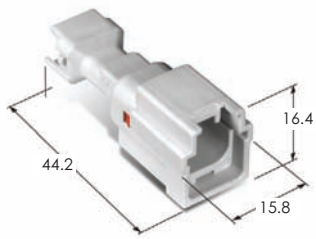
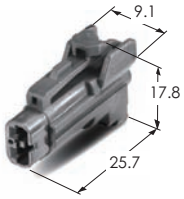
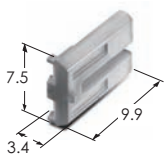
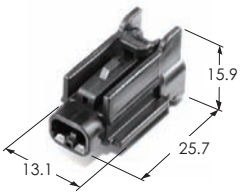
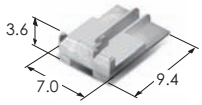
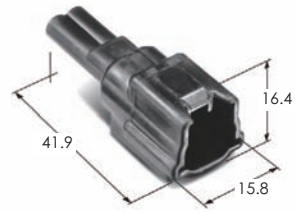
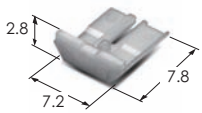
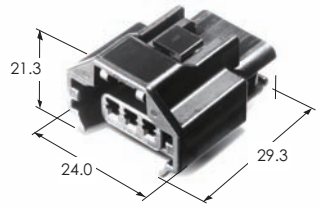
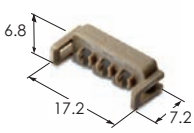
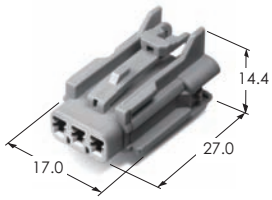
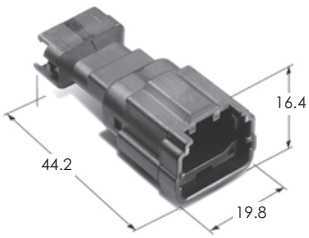
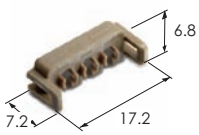
DERATING CURVE



KET ENGINEERED

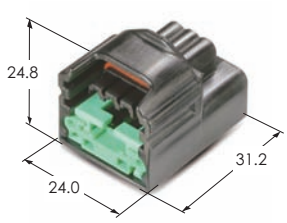
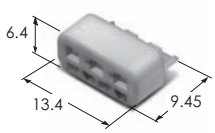
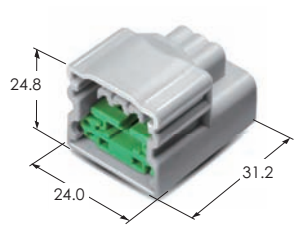
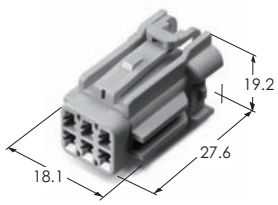
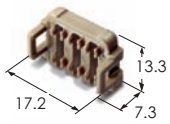
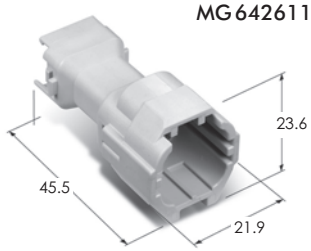
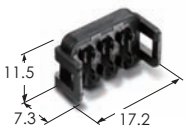
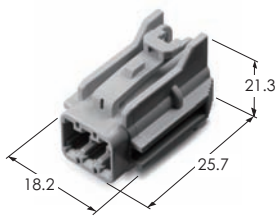
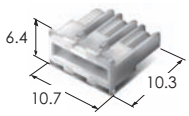
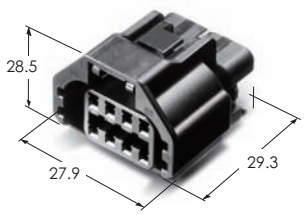
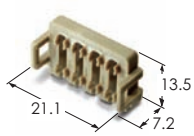
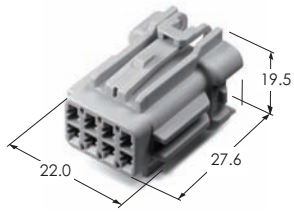
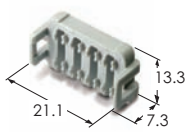
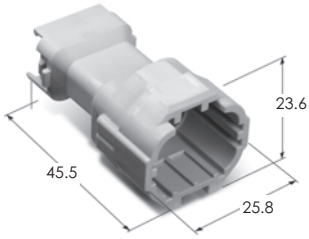
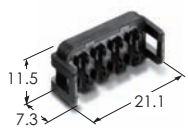
040 WP(RK) CONNECTOR

HOUSING

Poles	Female	Rear Holder	Male	Rear Holder
2	MG 642599 	MG 632600-7 		
	MG 613216 	MG 633217 	MG 642597 	MG 632600-7 
	MG 613214-7 	MG 633215 		
	MG 613218 	MG 633217 	MG 643219 	MG 633221 
3	MG 642605 	MG 632606-7 		
	MG 612603 		MG 642602 	MG 632606-7 

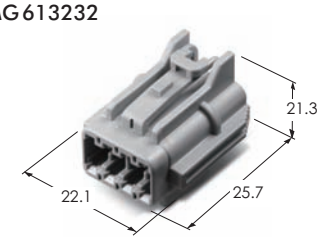
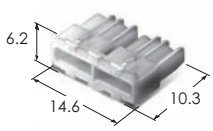
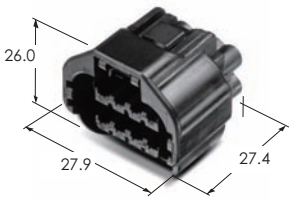
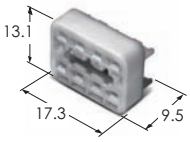
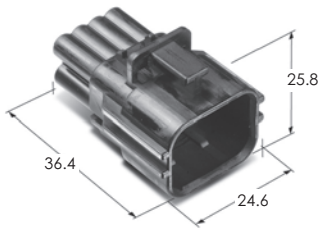
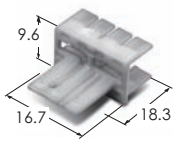
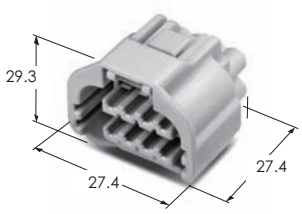
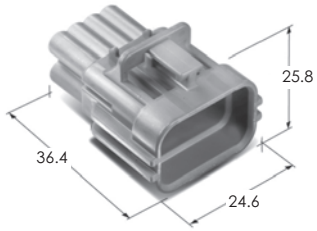
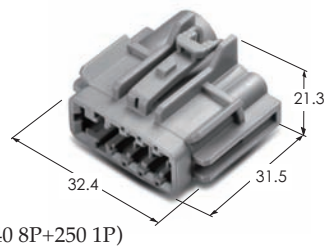
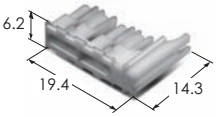
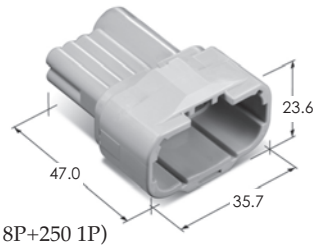
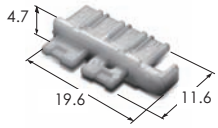
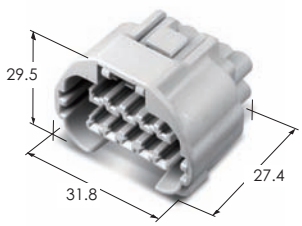
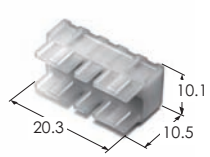
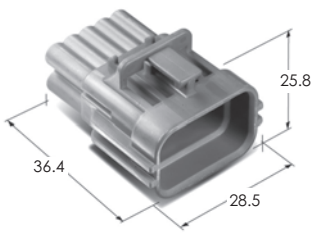
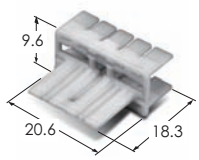
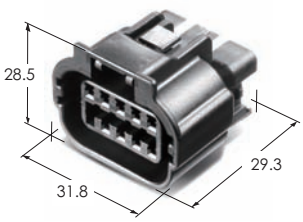
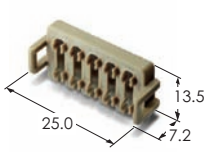
040 WP(RK) CONNECTOR

HOUSING

Poles	Female	Rear Holder	Male	Rear Holder
3	MG643222 	MG633228 		
	MG643226 			
6	MG612612 	MG632613-7 	MG642611 	MG632672-4 
	MG613230 	MG633231 		
8	MG642615 	MG632616-7 		
	MG613097 	MG633098-4 	MG643095 	MG633096 

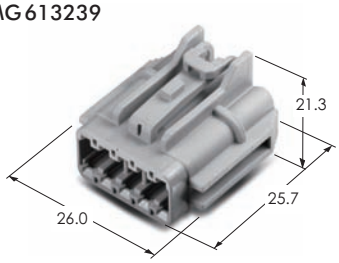
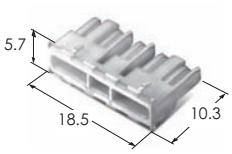
040 WP(RK) CONNECTOR

HOUSING

Poles	Female	Rear Holder	Male	Rear Holder
8	MG613232  	MG633233  		
	MG643380  	MG633382  	MG613406  	MG633408 
	MG643383  		MG613407  	
9	MG613234  (040 8P+250 1P)	MG633235  	MG643236  (040 8P+250 1P)	MG633238 
10	MG643385  	MG633387  	MG613409  	MG633410 
	MG642618  	MG632619-7  		

040 WP(RK) CONNECTOR

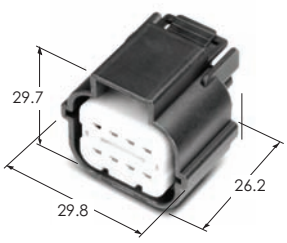
HOUSING

Poles	Female	Rear Holder	Male	Rear Holder
10	MG613239 	MG633240 		

040WP CONNECTOR(SENSOR)

Poles	Female	
2	MG644146 	MG645696 
4	MG644145 	

040WP CONNECTOR(SENSOR)

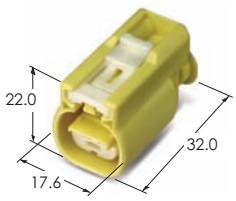
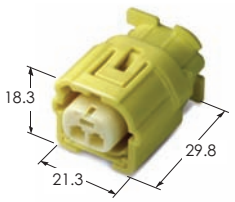
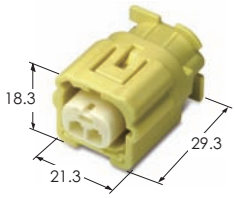
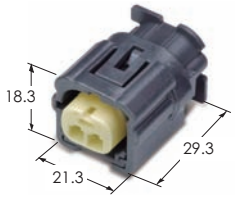
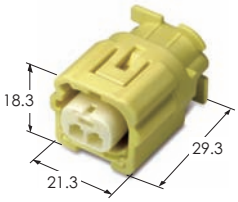
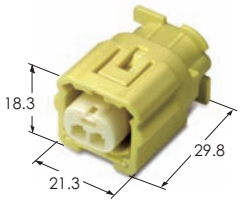
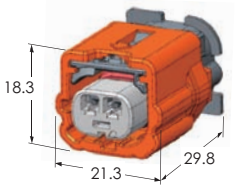
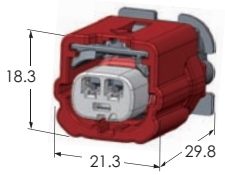
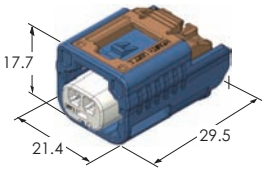
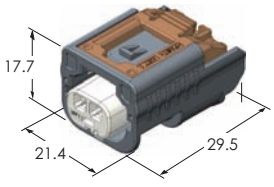
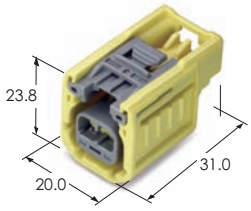
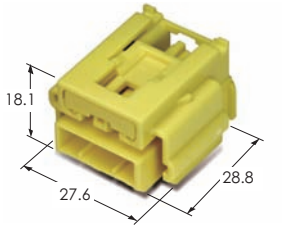
Poles	Female	Male
8	MG644803 	MG644801 

AIRBAG CONNECTOR

- Miniaturized waterproof/ Non waterproof connector with its tab size of 040(1.0mm)
- One step CPA operation eliminates standard CPA operation
- Spring loaded slider (CPA) to prevent incomplete mating



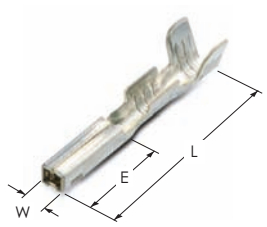
HOUSING

Poles	Female	
2	**MG 645084-3** Suitable Terminal : **7116-4220-08(7B16-4220-08)** Suitable Housing : **7282-5524-70(7C82-5524-70)** Suitable Wire Seal : **7158-3070-80** 	**MG 645088-3** Suitable Terminal : **7116-4221-08** Suitable Housing : **7282-5073-70(7C82-5073-70)** Suitable Wire Seal : **7158-3070-80** 
	MG 645752-3 Suitable Terminal : **7116-4221-08(7B16-4220-08)** Suitable Housing : **7282-5073-70(7C82-5073-70)** Suitable Wire Seal : **7158-3070-80** 	**MG 645753-4** Suitable Terminal : **7116-4221-08** Suitable Housing : **7282-5073-70(7C82-5073-70)** Suitable Wire Seal : **7158-3070-80** 
	MG 645900-3 Suitable Terminal : **7116-4221-08** Suitable Housing : **7283-6503-70(7C82-5073-70)** Suitable Wire Seal : **7158-3070-80** 	**MG 645901-3** Suitable Terminal : **7116-4221-08** Suitable Housing : **7283-6507-70(7C82-5073-70)** Suitable Wire Seal : **7158-3070-80** 
	MG 656932-7 Suitable Terminal : **7116-4221-08** Suitable Housing : **450224/450225** Suitable Wire Seal : **7158-3070-80** 	**MG 656933-2** Suitable Terminal : **7116-4221-08** Suitable Housing : **450224/450225** Suitable Wire Seal : **7158-3070-80** 
	MG 656999-2 Suitable Terminal : **ST731488-G** Suitable Housing : **95920-L2100** Suitable Wire Seal : **MG680713/MG680714** 	**MG 656946-4** Suitable Terminal : **ST731488-G** Suitable Housing : **95920-M5000** Suitable Wire Seal : **MG680713/MG680714** 
	MG 656859 Suitable Terminal : **ST731274-G** Suitable Wire Seal : **MG683894/MG683895** 	4 **MG 655420-3** Suitable Terminal : **7116-4233-08(7B16-4233-08)** Suitable Housing : **7282-6134-70(7C82-6134-70)** 

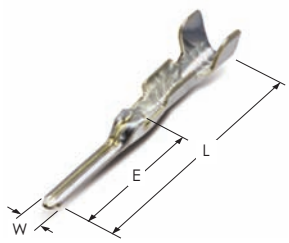
58V(SP) WP CONNECTOR

- Small Size Multi-Pole Connectors designed for electronic equipment mounted on automobiles.
- High density, multi-pole type with 2.54mm pitch.
- Two piece type with a spring part inside female terminal. It provides more mechanical and electric reliability as well as durability and contact system reinforcement.
- Double Lock type with Rear Holder Designed to prevent backing-out and incomplete terminals insertion after inserting terminal into housing.

Ⓐ



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TERMINAL

Part No.	Wire Range AWG	Wire Range mm²	Material Finish	Dimension(mm) L	Dimension(mm) E	Dimension(mm) W	Type
ST730517-3	22-20	AVS, AVSS 0.3 -0.5	Copper Alloy (Pre-Tin)	14.8	5.8	1.9	Ⓐ
ST730517-G							
ST731414-3	22	AVSS 0.3	Brass (Pre-Tin)	18.5	9.6	1.2	
ST741138-3	22-20	AVSS 0.3 -0.5	Brass (Pre-Tin)	18.5	9.6	1.2	Ⓑ

WIRE SEAL

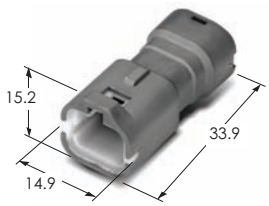
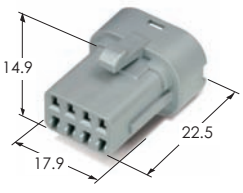
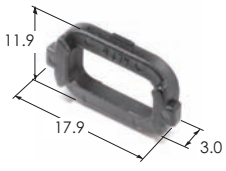
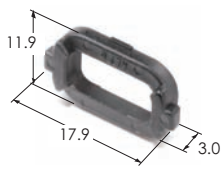
Part No.	Wire Range mm²	Material	Color	Dimension(mm) L	Dimension(mm) E	Type
MG684132	AEXF 0.3~0.5	Silicone	Green	3.6	13.9	
MG685230	AVSS 0.3~0.5	Silicone	Black	3.6	13.9	
MG684133	AEXF 0.3~0.5	Silicone	Red	3.6	13.9	Ⓒ
MG685231	AVSS 0.3~0.5	Silicone	Blue	3.6	13.9	
MG685449	AEXF 0.3~0.5	Silicone	Red	3.6	16.9	
MG685470	FLRY-A 0.35	Silicone	Blue	3.6	16.9	Ⓓ

Ⓒ



Ⓓ

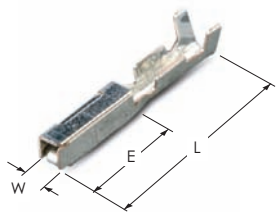
HOUSING

Poles	Female		Male	
6	MG614130-4	MG634131(Rear Holder)	MG644483-4	MG634131(Rear Holder)
				
	Suitable Seal : Ⓒ		Suitable Seal : Ⓒ	
8	MG615591-41	MG635691(Rear Holder)	MG645825-41	MG635691(Rear Holder)
				
	Suitable Seal : Ⓓ		Suitable Seal : Ⓓ	

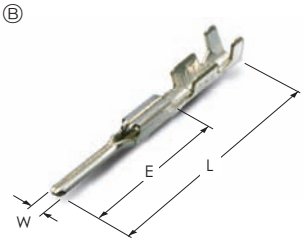
050 CONNECTOR

TERMINAL

Ⓐ

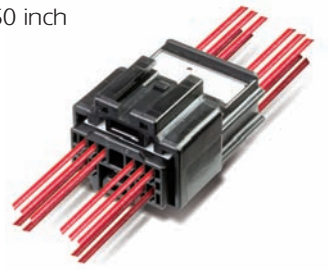


Ⓑ



Part No.	Wire Range		Material	Dimension(mm)			Type
	AWG	mm²	Finish	L	E	W	
ST731008-3	24	AVS S 0.22 CHFUS 0.22	Copper Alloy (Pre-Tin)	15.8	7.2	1.8	Ⓐ
ST730751-3	22-20	AVS(CAVS, CAVUS) 0.3~0.5	Copper Alloy (Pre-Tin)	15.3	7.2	1.8	
ST741009-3	24	AVS S 0.22	Brass (Pre-Tin)	21.75	13.2	1.25	Ⓑ
ST740753-3	22-20	AVS,CAVS, CAVUS 0.3~0.5	Brass (Pre-Tin)	21.75	13.2	1.25	

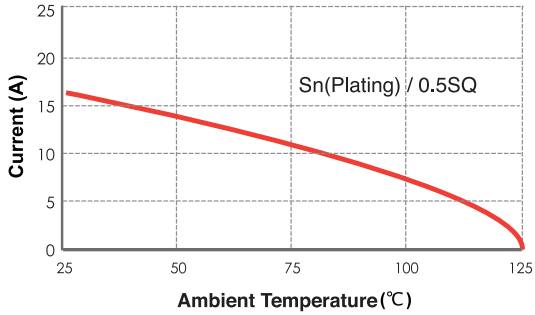
▶ The blade width of male terminal for this connector is 0.050 inch and small size multi-pole connectors.
(Distinctive features)
1. Double terminal locking system eliminates terminal push-out.(Housing lance, Rear holder).
2. Connectors can not be mated if preset terminal spacer is not in full-lock position.



SPECIFICATIONS

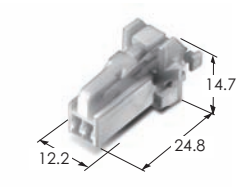
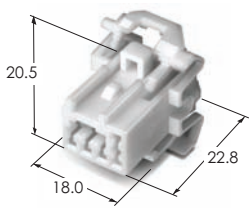
Current Rating	5A
Temperature Range	-40 ~ 85℃
Contact Resistance	5mΩ Max(Initial)
Insulation Resistance	DC 500V 100MΩ Min
Wire Size	0.22 ~ 0.5mm²
Housing	P.B.T

DERATING CURVE



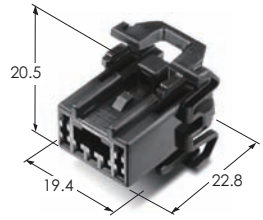
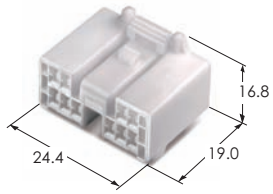
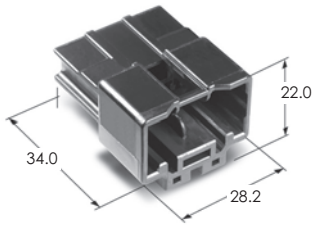
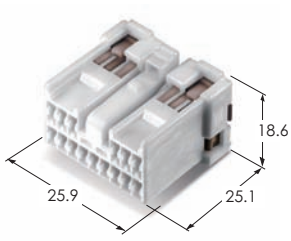
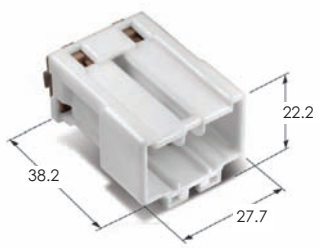
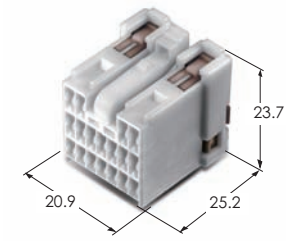
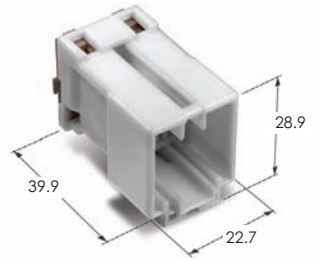
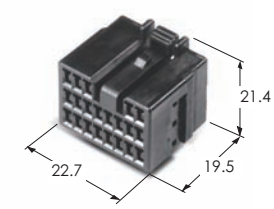
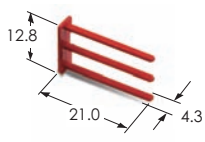
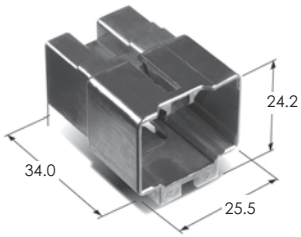
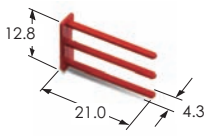
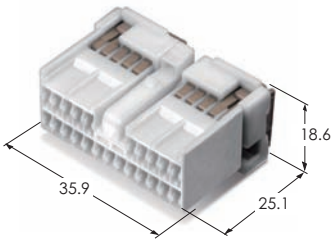
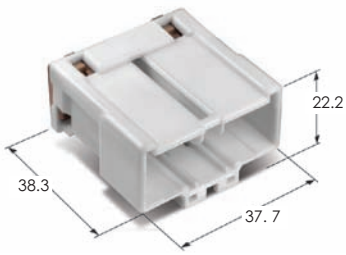
HOUSING

Suitable CLIP: **0901I**

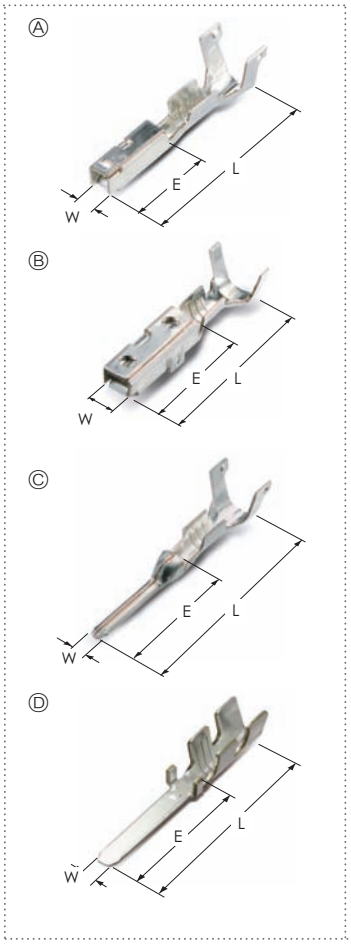
Poles	Female	Male
2	MG651586 	
5	MG614354 	

050 CONNECTOR

HOUSING

Poles	Female	Male
7	MG614010 	
10	MG651580 	MG641577 
15	MG651598 	MG641595 
18	MG651575 	MG641572 
21	MG611987  MG631988-1 	MG623343  MG631988-1 
23	MG651563 	MG641560 

SSD & 0509 WP CONNECTOR



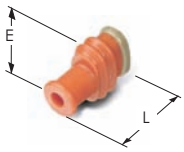
TERMINAL

Part No.	Wire Range AWG	Wire Range mm²	Material Finish	Dimension(mm) L	Dimension(mm) ∈	Dimension(mm) W	Type
ST730622-3	22-18	AVS,CAVS 0.3~0.5 CAVS 0.85	Copper Alloy(Pre-Tin)	14.9	6.2	1.8	Ⓐ
ST730622-G			Copper Alloy(Au)				
ST730622-GE			Copper Alloy(Au)				
ST730622-S			Copper Alloy(Ag)				
ST731188-3	22-18	AVS,CAVS 0.3~0.5 CAVS 0.85	Copper Alloy(Pre-Tin)	14.9	6.2	1.8	
ST731188-G			Copper Alloy(Au)				
ST731103-3	24	CHFUS 0.22, AVSS 0.22	Copper Alloy(Pre-Tin)	14.9	6.2	1.8	
ST731316-3	22	AVSS,CAVS 0.3 AVXF, AESSXF 0.3	Copper Alloy(Pre-Tin)	14.9	6.2	1.8	
ST731316-G			Copper Alloy(Au)				
ST731488-G	22-20	AESSXF 0.3~0.5	Copper Alloy(AU)	14.9	6.2	1.8	
ST730689-3	22-20	AVSS 0.3~0.5	Copper Alloy(Pre-Tin)	16.9	9.0	2.9	Ⓑ
ST730689-S			Copper Alloy(Ag)				
ST730689-G			Copper Alloy(Au)				
ST730732-3	18-16	AVSS(CAVS) 0.85~1.25	Copper Alloy(Pre-Tin)	16.9	9.0	2.9	
ST730732-S			Copper Alloy(Ag)				
ST730733-3	14	AVSS 2.0	Copper Alloy(Pre-Tin)	16.9	9.0	2.9	
ST730733-S			Copper Alloy(Ag)				
ST740709-3	22-18	AVS 0.3, 0.5 CAVS 0.3, 0.5, 0.85	Copper Alloy(Pre-Tin)	19.7	10.4	1.2	Ⓒ
ST740709-G			Copper Alloy(Au)				
ST741365-3	22	AVSS, CAVS 0.3	Copper Alloy(Pre-Tin)				
ST741365-G			Copper Alloy(Au)				
ST740630-3	18-16	AVSS(CAVS) 0.85~1.25	Brass(Pre-Tin)	26.3	14.8	2.25	Ⓓ
ST741190-3	18-16		Brass(Pre-Tin)				

WIRE SEAL(SSD)

Part No.	Wire Range mm²	Material	Color	Dimension(mm) L	Dimension(mm) ∈	Type
MG680713	AVSS 0.3-0.5	Silicone	Red	7.8	6.0	Ⓐ
MG680714	AVS 0.3-0.5 AVSS 0.85	Silicone	Green	7.8	6.0	
MG680715	Dummy Seal	Silicone	Black	8.2	6.2	Ⓑ

Ⓐ





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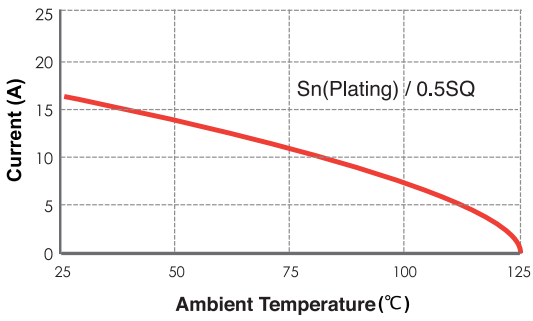


Suitable Terminal Ⓒ : SWP Wire Seal

SPECIFICATIONS

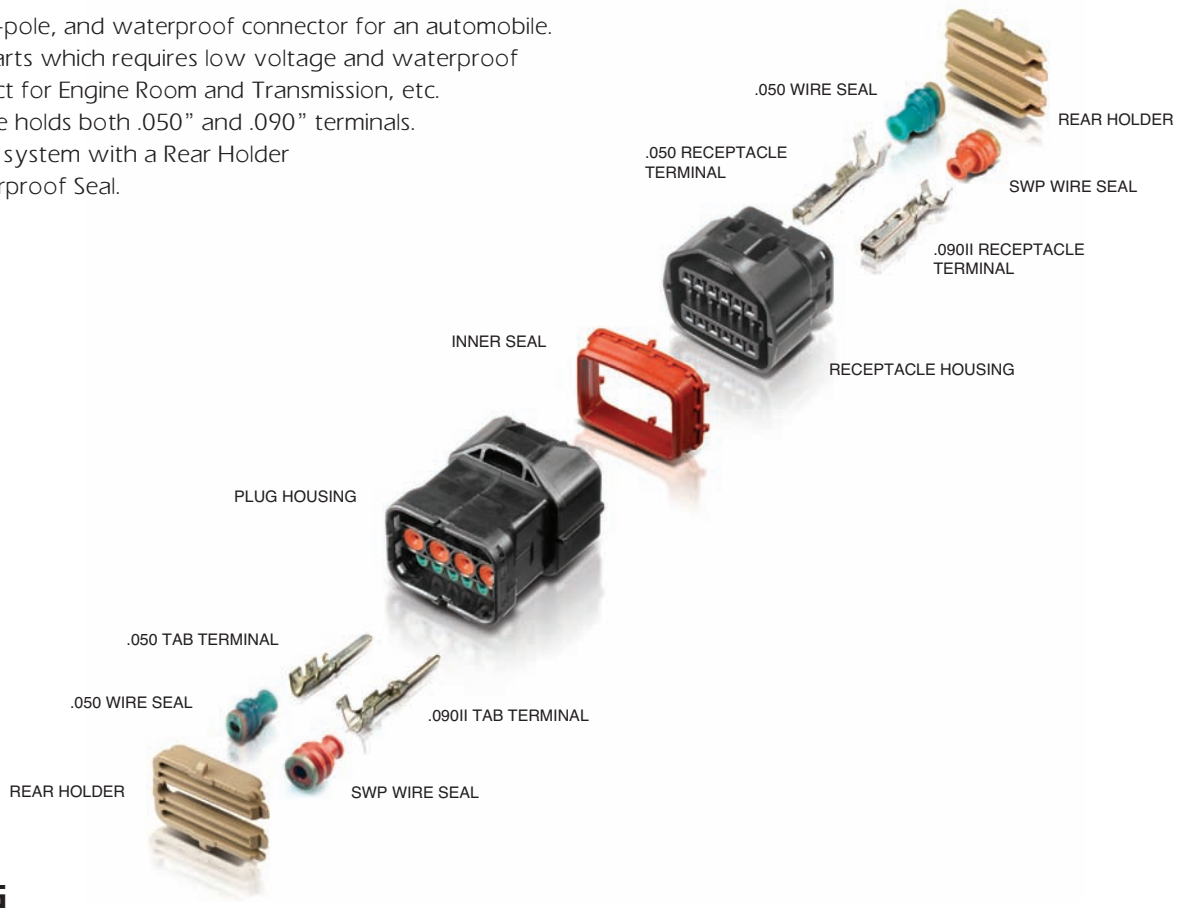
Current Rating	5A
Temperature Range	-40 ~ 125℃
Contact Resistance	5mΩ Max(Initial)
Insulation Resistance	DC 500V 100MΩ Min
Wire Size	0.3 ~ 0.85mm²
Housing	P.B.T

DERATING CURVE

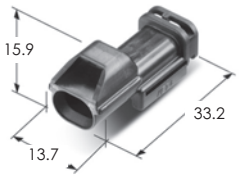
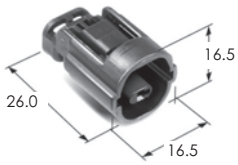
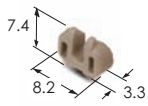
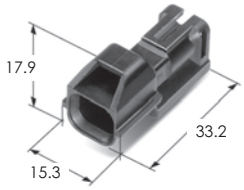
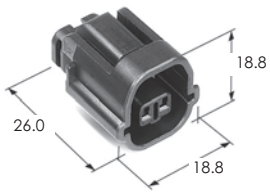
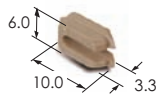
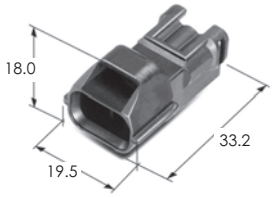


SSD & 0509 WP CONNECTOR

- Small size, multi-pole, and waterproof connector for an automobile.
- Designed for parts which requires low voltage and waterproof function : Perfect for Engine Room and Transmission, etc.
- Hybrid structure holds both .050" and .090" terminals.
- Double Locking system with a Rear Holder
- Individual waterproof Seal.

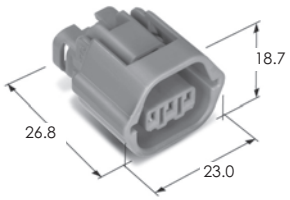
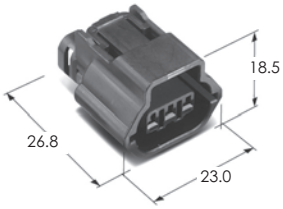
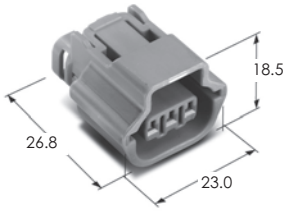
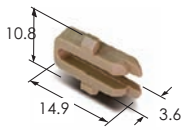


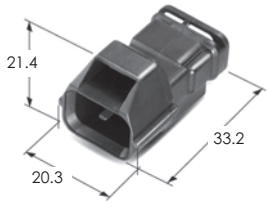
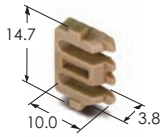
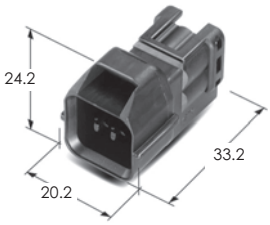
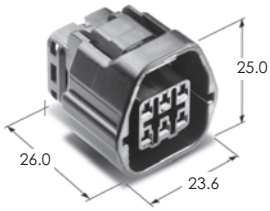
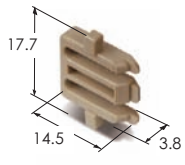
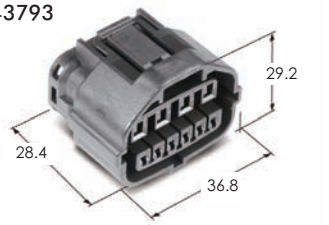
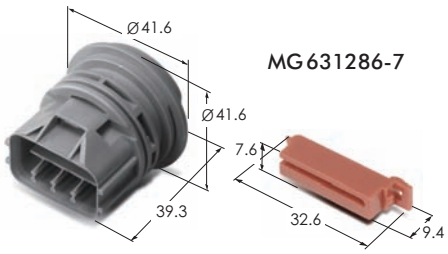
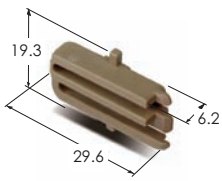
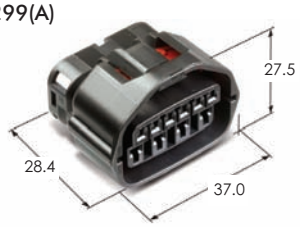
HOUSING

Poles	Male	Female	Rear holder
1	MG 610701 	MG 640703 	MG 630704-7 
2	MG 610705 	MG 640707 MG 642562(ATM) 	MG 630708-7 
3	MG 611611 	MG 641234 	MG 631233-7 

SSD & 0509 WP CONNECTOR

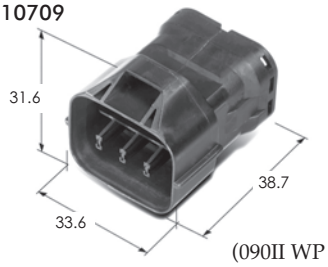
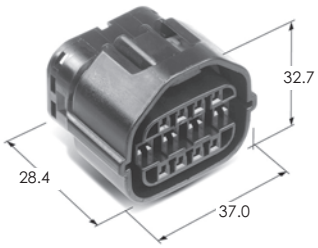
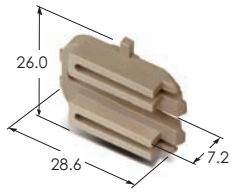
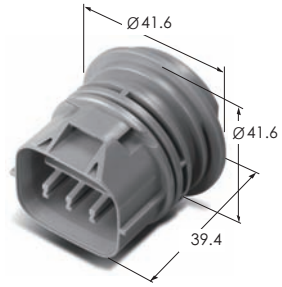
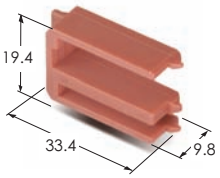
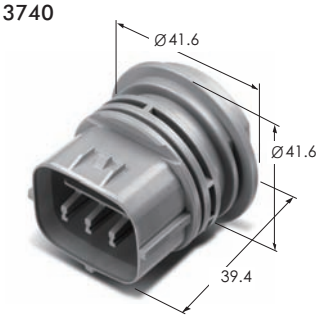
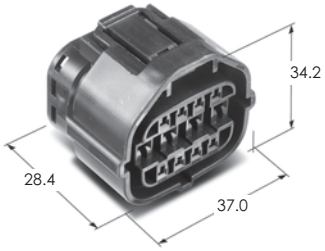
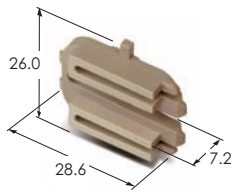
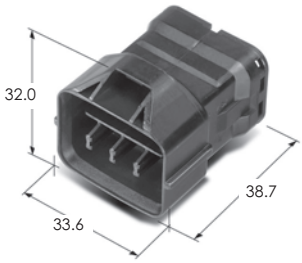
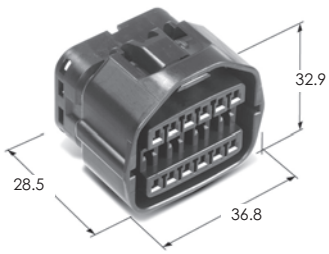
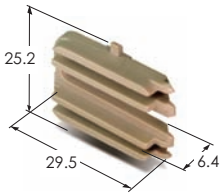
HOUSING

Poles	Female			Rear holder
3	MG641295-4 	MG643744(A) 	MG643746(B) 	MG631233-7 

Poles	Female	Male	Rear holder
4	MG611236 	MG641238 	MG631237-7 
6	MG611624 	MG641627 	MG631626-7 
		MG643793  (050 WP 6P+090II WP 4P)	MG631289-7
10	MG612716-40(5)(ATM)-(HPA)  MG631286-7 (050 WP 6P+090 4P) Suitable Terminal: ST740562, ST740630	MG641288-4(B) 	
		MG641299(A)  (050 WP 6P+090II WP 4P)	

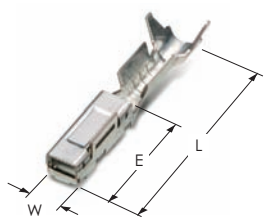
SSD & 0509WP CONNECTOR

HOUSING

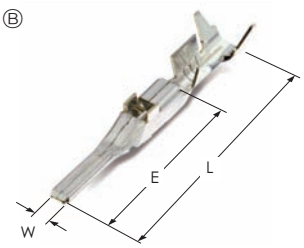
Poles	Male	Female	Rear holder
12	MG610709  (090II WP TAB)	MG640711  (050 WP 8P+090II SWP 4P)	MG630712-7 
	MG612626-41(HPA)  Suitable Terminal: **ST740562, ST740630**		MG632627-7 
	MG613740  Suitable Terminal: **ST740562, ST740630**	MG643739  (050 WP 8P+090II SWP 4P)	MG630712-7 
16	MG611764  (090II WP TAB)	MG641767  (050 WP 12P+090 WP 4P)	MG631766-7 

C060 CONNECTOR

Ⓐ



Ⓑ



TERMINAL

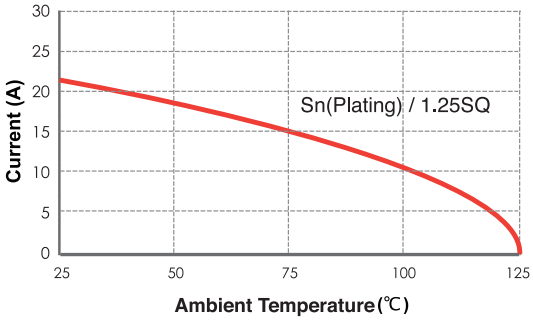
Part No.	Wire Range		Material	Dimension(mm)			Type
	AWG	mm²	Finish	L	E	W	
ST731411-3	18-16	AVSS 0.85, 1.25, 0.3+0.3	Copper Alloy(Pre-Tin)	11.5	6.5	2.3	Ⓐ
ST731411-G			Copper Alloy(Au)				
ST731479-3	16	FLALUY 1.25	Copper Alloy(Pre-Tin)				
ST731412-3	22~20	AVSS 0.3, 0.5	Copper Alloy(Pre-Tin)				
ST731412-G			Copper Alloy(Au)				
ST731487-3	19	FLALUY 0.75	Copper Alloy(Pre-Tin)				
ST731413-3	24	CHFUS 0.22	Copper Alloy(Pre-Tin)				
ST731413-G			Copper Alloy(Au)				
ST741362-3	18-16	AVSS 0.85, 1.25, 0.3+0.3	Brass(Pre-Tin)	23.0	14.75	1.5	Ⓑ
ST741362-G			Brass(Au)				
ST741406-3	16	FLALUY 1.25	Brass(Pre-Tin)				
ST741363-3	22~20	AVSS 0.3, 0.5	Brass(Pre-Tin)				
ST741363-G			Brass(Au)				
ST741412-3	19	FLALUY 0.75	Brass(Pre-Tin)				
ST741364-3	24	CHFUS 0.22	Brass(Pre-Tin)				
ST741364-G			Brass(Au)				

- The 060 Connector is non waterproof connector with blade width of 0.060 inch (0.64mm)
- Double locking mechanism to prevent terminal push-out, Pre-set holder
- Unification of spacer assures complete terminal insertion

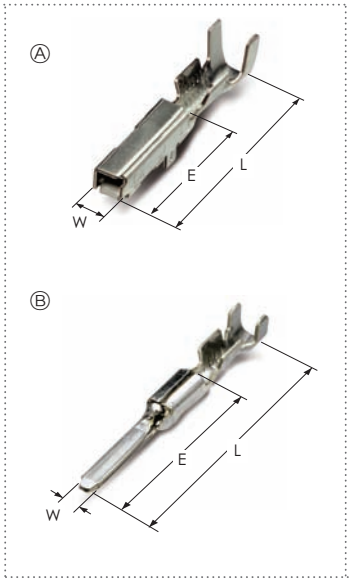
SPECIFICATIONS

Current Rating	10A
Temperature Range	-40 ~ 85℃
Contact Resistance	5mΩ Max(Initial)
Insulation Resistance	DC 500V 100MΩ Min
Wire Size	0.22 ~ 1.25mm²
Housing	P.B.T

DERATING CURVE

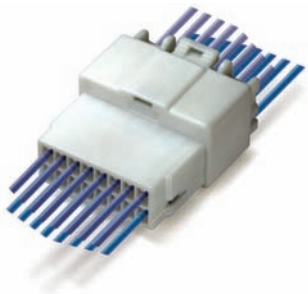


N060 CONNECTOR



TERMINAL

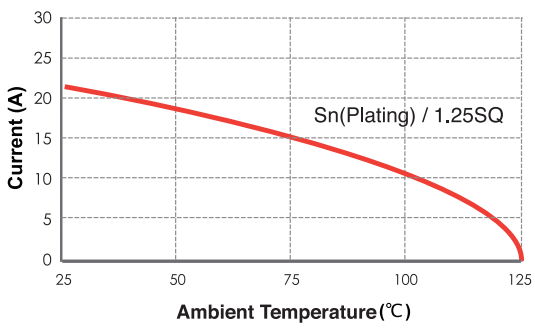
Part No.	Wire Range		Material	Dimension(mm)			Type
	AWG	mm²	Finish	L	E	W	
ST731334-3	24	CHFUS 0.22 AVSS 0.22	Copper Alloy (Pre-Tin)	16.2	8.5	2.2	Ⓐ
ST731335-3	22-20	AVSS 0.3~0.5 AEXF 0.5, AEXHF 0.3~0.5 FLRY-A,B 0.3~0.5	Copper Alloy (Pre-Tin)				
ST731335-G	22-20		Copper Alloy (Au)				
ST741486-3	19	FLALUY 0.75	Copper Alloy (Pre-Tin)				
ST731336-3	18-16	AVSS 0.85~1.25 FLRY-A,B 0.75~1.5 AVSS(0.3+0.3, 0.3+0.5, 0.5+0.5)	Copper Alloy (Pre-Tin)	16.7	8.5	2.2	
ST731478-3	16	FLALUY 1.25	Copper Alloy (Pre-Tin)				
ST731377-3	14	AVSS 2.0	Copper Alloy (Pre-Tin)				
ST741331-3	24	CHFUS 0.22 AVSS 0.22	Brass (Pre-Tin)	22.7	15.0	1.5	Ⓑ
ST741332-3	22-20	AVSS 0.3~0.5 AEXF 0.5, CIVUS 0.35, 0.5 FLRY-A,B 0.3~0.5	Brass (Pre-Tin)				
ST741332-G	22-20		Copper Alloy (Au)				
ST741411-3	19	FLALUY 0.75	Brass (Pre-Tin)				
ST741405-3	16	FLALUY 1.25	Brass (Pre-Tin)	23.2	15.0	1.5	
ST741333-3	18-16	AVSS 0.85~1.25, AEXF 0.85 AVSS(0.3+0.3, 0.3+0.5, 0.5+0.5) FLRY-A,B 0.75~1.5	Brass (Pre-Tin)				



SPECIFICATIONS

Current Rating	10A
Temperature Range	-40 ~ 85℃
Contact Resistance	5mΩ Max(Initial)
Insulation Resistance	DC 500V 100MΩ Min
Wire Size	0.22 ~ 1.25mm²
Housing	P.B.T

DERATING CURVE

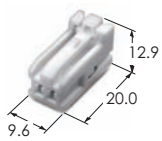
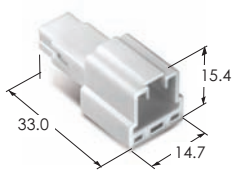
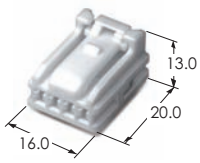
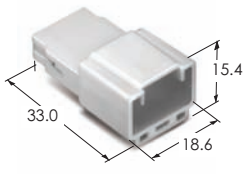
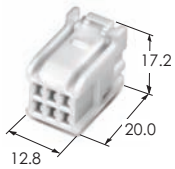
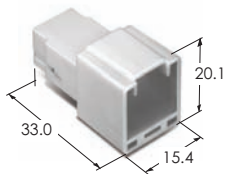
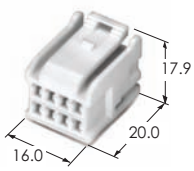
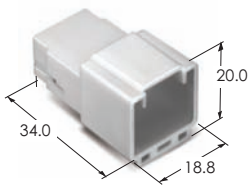
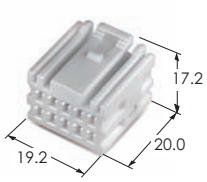
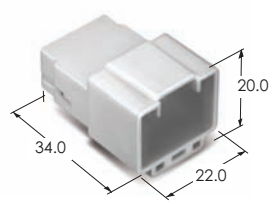


KET ENGINEERED

N060 CONNECTOR

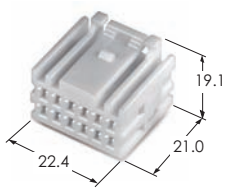
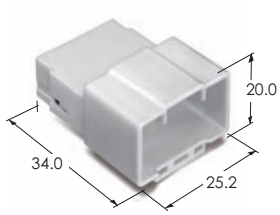
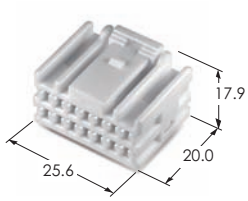
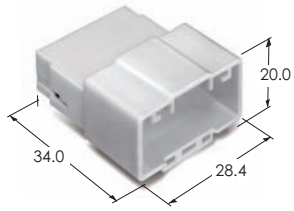
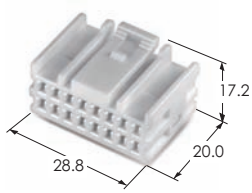
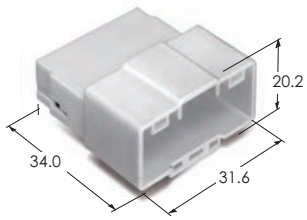
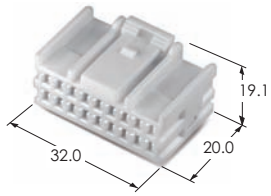
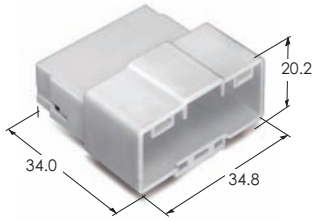
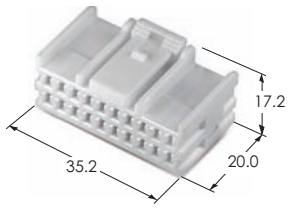
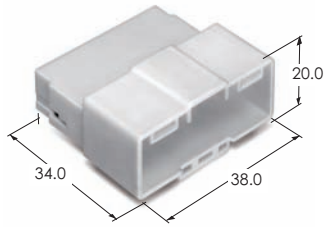
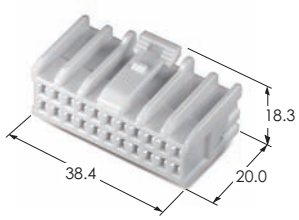
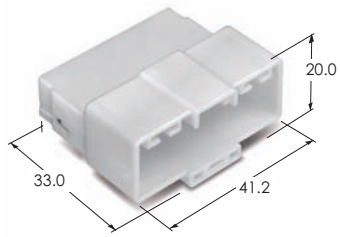
- The 060 Connector is non waterproof connector with blade width of 0.060 inch (0.64mm)
- Double locking mechanism to prevent terminal push-out, Pre-set holder
- Unification of spacer assures complete terminal insertion



Poles	Female	Male
2	MG 655593 	MG 645590 
4	MG 655598 	MG 645595 
6	MG 655574 	MG 645571 
8	MG 655603 	MG 645600 
10	MG 655608 	MG 645605 

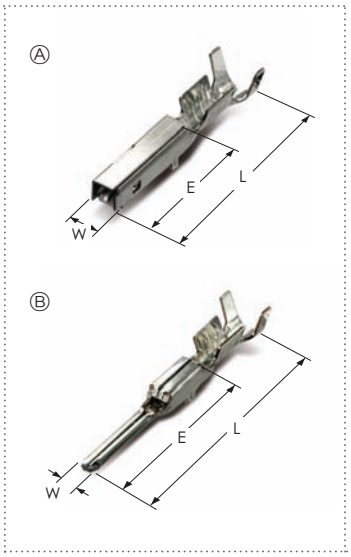
N060 CONNECTOR

HOUSING

Poles	Female	Male
12	MG 655613 	MG 645610 
14	MG 655618 	MG 645615 
16	MG 655623 	MG 645620 
18	MG 655628 	MG 645625 
20	MG 655633 	MG 645630 
22	MG 655638 	MG 645635 

060(0.8T) CONNECTOR

- The 060 Connector is non waterproof connector with blade width of 0.060 inch (0.64mm)
- Double locking mechanism to prevent terminal push-out, Pre-set holder
- Unification of spacer assures complete terminal insertion



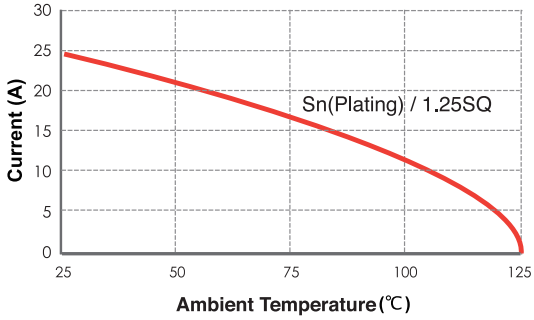
TERMINAL

Part No.	Wire Range		Material	Dimension(mm)			Type
	AWG	mm²	Finish	L	E	W	
ST731267-3	24	CHFUS(AVSS) 0.22	Copper Alloy (Pre-Tin)	19.0	10.0	2.5	Ⓐ
ST731268-3	22-20	AVSS 0.3~0.5 CIVUS 0.35, 0.5	Copper Alloy (Pre-Tin)	19.0	10.0	2.5	
ST731269-3	18-16	AVSS 0.85~1.25	Copper Alloy (Pre-Tin)	19.0	10.0	2.5	
ST741270-3	24	CHFUS(AVSS) 0.22	Copper Alloy (Pre-Tin)	25.3	16.3	1.5	Ⓑ
ST741271-3	22-20	AVSS 0.3~0.5	Copper Alloy (Pre-Tin)	25.3	16.3	1.5	
ST741272-3	18-16	AVSS 0.85~1.25	Copper Alloy (Pre-Tin)	25.3	16.3	1.5	

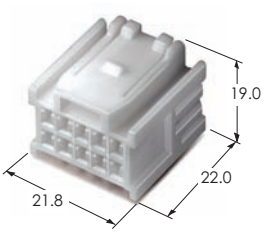
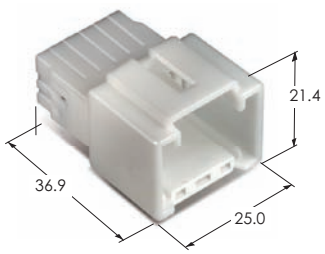
SPECIFICATIONS

Current Rating	10A
Temperature Range	-40 ~ 85℃
Contact Resistance	5mΩ Max(Initial)
Insulation Resistance	DC 500V 100MΩ Min
Wire Size	0.22 ~ 1.25mm²
Housing	P.B.T

DERATING CURVE



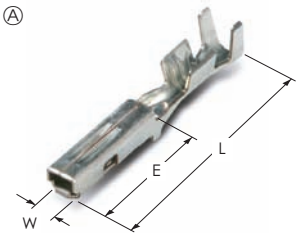
HOUSING

Poles	Female	Male
10	MG655175 	MG645172 

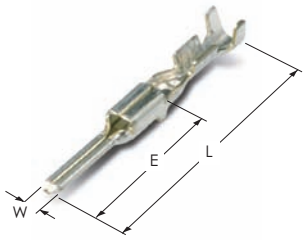
060(62C) CONNECTOR

TERMINAL

Ⓐ



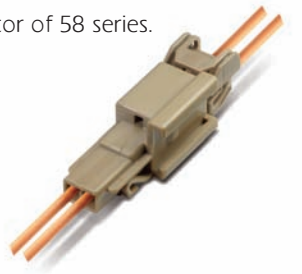
Ⓑ



Part No.	Wire Range		Material	Dimension(mm)			Type
	AWG	mm²	Finish	L	E	W	
ST730703-3	24-22	AVSS(CAVS) 0.22~0.3	Copper Alloy (Pre-Tin)	19.1	9.4	2.5	Ⓐ
ST730704-3	20-18	AVSS(CAVS) 0.5~0.85	Copper Alloy (Pre-Tin)	19.1	9.4	2.5	
ST731464-3	22-20	CIVUS 0.35~0.5	Copper Alloy (Pre-Tin)	22.9	13.1	1.5	
ST740719-3	24-22	AVSS(CAVS) 0.22~0.3	Brass (Pre-Tin)	22.9	13.1	1.5	Ⓑ
ST740720-3	20-18	AVSS(CAVS) 0.5~0.85	Brass (Pre-Tin)	22.9	13.1	1.5	

▶Miniaturization and weight reduction of existing s-type connector of 58 series.
(Distinctive features)

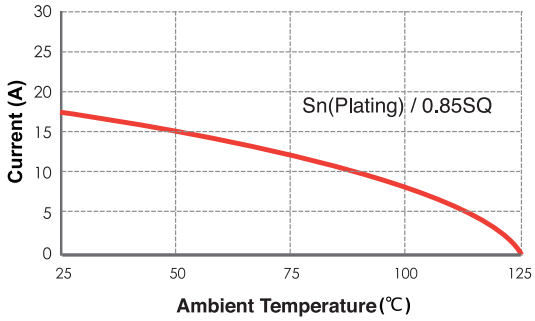
1. Improved hinge rear holder mating for easy connection.
2. Double terminal locking system eliminates terminal push-out.
   (Housing lance, Rear holder).
3. Stable/secure mating action between male and female connectors.



SPECIFICATIONS

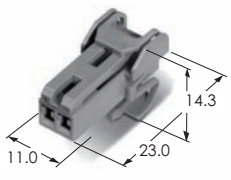
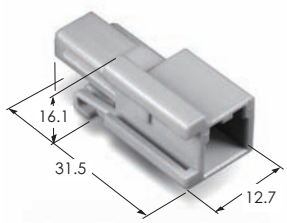
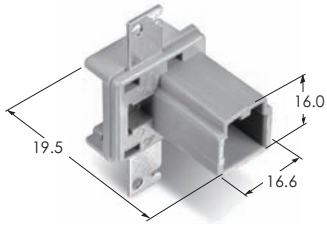
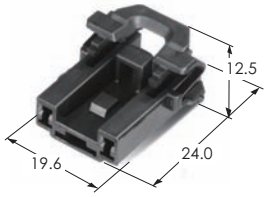
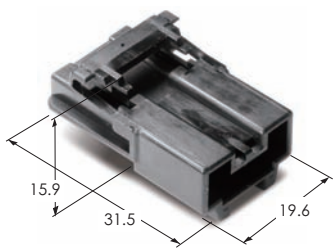
Current Rating	6A
Temperature Range	-40 ~ 85℃
Contact Resistance	5mΩ Max(Initial)
Insulation Resistance	DC 500V 100MΩ Min
Wire Size	0.3 ~ 0.85mm²
Housing	P.B.T

DERATING CURVE



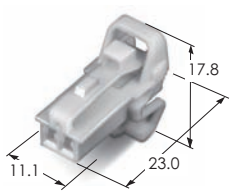
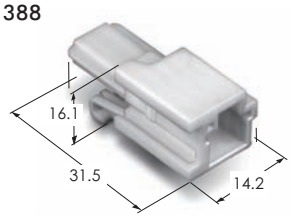
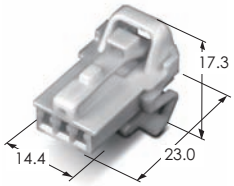
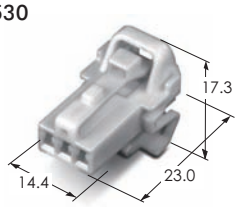
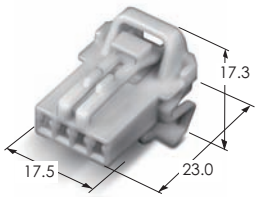
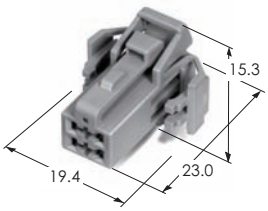
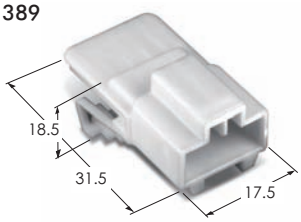
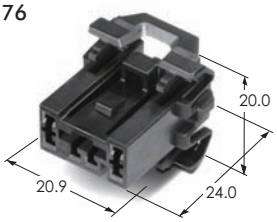
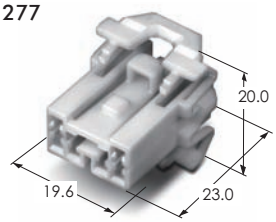
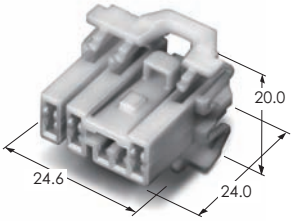
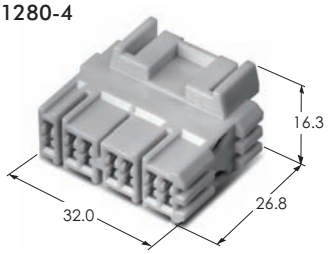
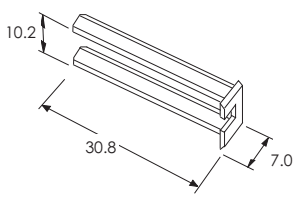
HOUSING

Suitable CLIP: **SDL, SWP** Type

Poles	Female	Male	
2	MG611271-7 	MG621386-7 	MG641300 
	MG611272 	MG621387-5 	

060(62C) CONNECTOR

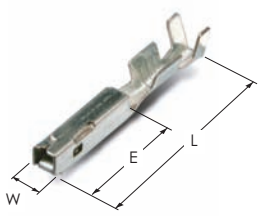
HOUSING

Poles	Female	Male
2	MG611273 	MG621388 
3	MG611297  MG611530 	
4	MG611275  MG611274-7 	MG621389 
6	MG611276  MG611277 	
8	MG611278 	
14	MG611280-4  MG631279-5 	

06011 CONNECTOR

06011 TERMINAL

Ⓐ

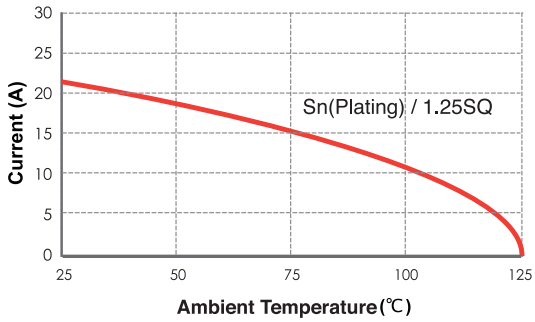


Part No.	Wire Range		Material	Dimension(mm)			Type
	AWG	mm²	Finish	L	E	W	
ST730796-3	22-20	AVSS 0.3~0.5	Copper-Alloy (Pre-Tin)	20.7	10.0	2.5	Ⓐ
ST730796-G			Copper-Alloy (Au)				
ST730797-3	18-16	AVSS 0.85~1.25	Copper-Alloy (Pre-Tin)	20.7	10.0	2.5	
ST730797-G			Copper-Alloy (Au)				

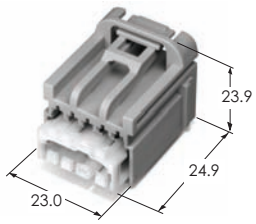
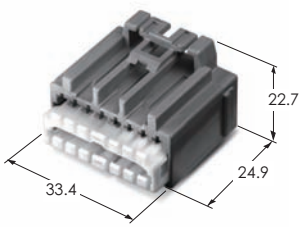
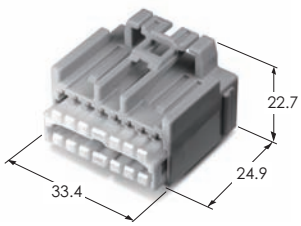
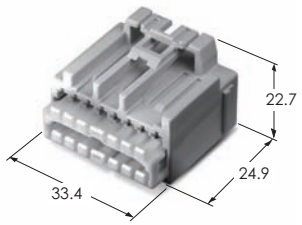
SPECIFICATIONS

Current Rating	10A
Temperature Range	-40 ~ 85℃
Contact Resistance	5mΩ Max(Initial)
Insulation Resistance	DC 500V 100MΩ Min
Wire Size	0.3 ~ 1.25mm²
Housing	P.B.T

DERATING CURVE



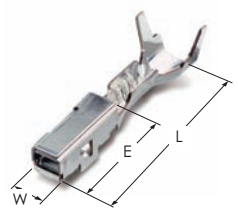
06011 HOUSING

Poles	Female
10	MG655347-41 
16	MG651804-2  MG651803-6  MG651802-4 

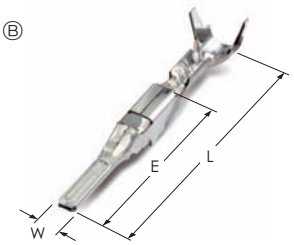
C060 WP CONNECTOR

- The 060 Connector is waterproof connector with blade width of 0.060 inch (0.64mm)
- Double locking mechanism to prevent terminal push-out, Pre-set holder
- Unification of spacer assures complete terminal insertion

Ⓐ



Ⓑ



TERMINAL

Part No.	Wire Range AWG	Wire Range mm²	Material Finish	Dimension(mm) L	Dimension(mm) E	Dimension(mm) W	Type
ST731439-3	22-20	AESSXF 0.3~0.5	Copper Alloy (Pre-Tin)	15.4	6.5	2.3	Ⓐ
ST731438-3	18-16	AESSXF 0.85~1.25	Copper Alloy (Pre-Tin)	15.4	6.5	2.3	
ST741376-3	22-20	AESSXF 0.3~0.5	Copper Alloy (Pre-Tin)	23.65	14.75	1.5	Ⓑ
ST741375-3	18-16	AESSXF 0.85~1.25	Copper Alloy (Pre-Tin)	23.65	14.75	1.5	

WIRE SEAL

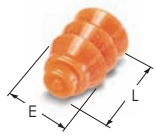
Part No.	Wire Range mm²	Material	Color	Dimension(mm) L	Dimension(mm) E	Type
MG685513	AESSXF 0.3~0.5	Silicone	Green	6.65	4.4	Ⓐ
MG685514	AESSXF 0.85~1.25	Silicone	Red	6.65	4.4	
MG685519	DUMMY SEAL	Silicone	Orange	7.2	4.5	Ⓑ

Ⓐ





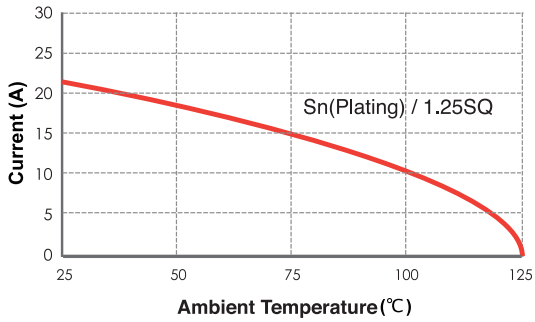
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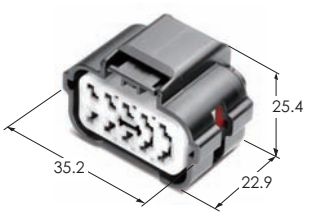
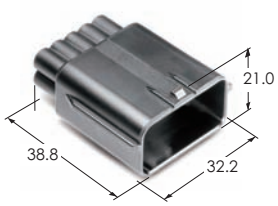
SPECIFICATIONS

Current Rating	10A
Temperature Range	-40 ~ 125℃
Contact Resistance	5mΩ Max(Initial)
Insulation Resistance	DC 500V 100MΩ Min
Wire Size	0.3 ~ 1.25mm²
Housing	P.B.T, GF15

DERATING CURVE



HOUSING

Poles	Female	Male
10	MG656902 	MG646063 

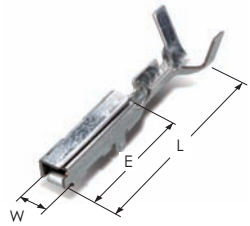
N060 WP CONNECTOR

- The 060 Connector is waterproof connector with blade width of 0.060 inch (0.64mm)
- Double locking mechanism to prevent terminal push-out, Pre-set holder
- Unification of spacer assures complete terminal insertion

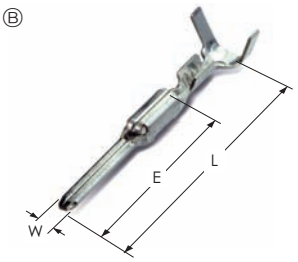


TERMINAL

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Part No.	Wire Range AWG	Wire Range mm²	Material Finish	Dimension(mm) L	E	W	Type
ST731367-3	24	CHFUS 0.22	Copper Alloy (Pre-Tin)	17.5	8.5	2.2	Ⓐ
ST731368-3 ST731368-S	22-20	AEXF(AVSSXF) 0.3~0.5	Copper Alloy (Pre-Tin)	17.5	8.5	2.2	
ST731369-3 ST731369-S	18-16	AEXF(AVSSXF) 0.85~1.25	Copper Alloy (Pre-Tin)	17.5	8.5	2.2	
ST741340-3	24	CHFUS 0.22	Copper Alloy (Pre-Tin)	24.7	15.7	1.5	Ⓑ
ST741341-3 ST741341-S	22-20	AEXF(AVSSXF) 0.3~0.5	Copper Alloy (Pre-Tin)	24.7	15.7	1.5	
ST741342-3 ST741342-S	18-16	AEXF(AVSSXF) 0.85~1.25	Copper Alloy (Pre-Tin)	24.7	15.7	1.5	

WIRE SEAL

Part No.	Wire Range mm²	Material	Color	Type
MG685390	AVSSXF 0.3~0.5	Silicone	Red	Ⓒ
MG685391	AEXF 0.3~0.5 AVSSXF 0.85~1.25	Silicone	Green	
MG685392	AEXF 0.85	Silicone	Black	
MG685393	AEXF 1.25	Silicone	Gray	
MG685394	Dummy Seal	Silicone	Green	Ⓓ

Ⓒ



Ⓓ

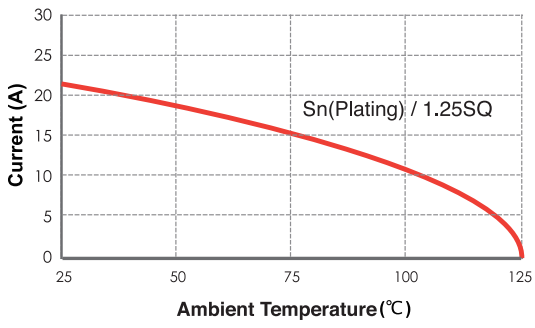


CLIP : Suitable Clip(090II)

SPECIFICATIONS

Current Rating	10A
Temperature Range	-40 ~ 125℃
Contact Resistance	5mΩ Max(Initial)
Insulation Resistance	DC 500V 100MΩ Min
Wire Size	0.22 ~ 1.25mm²
Housing	P.B.T

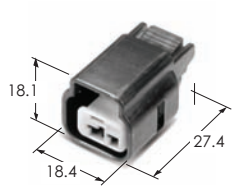
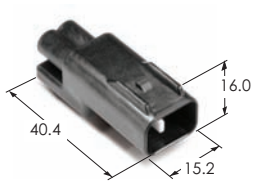
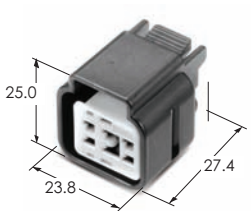
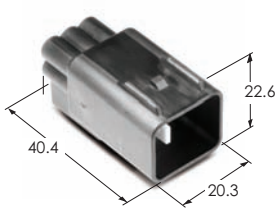
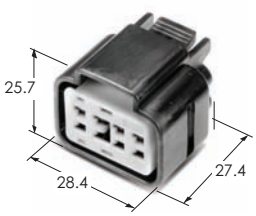
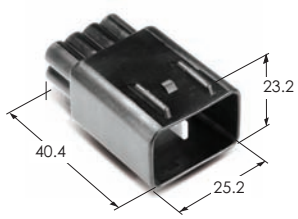
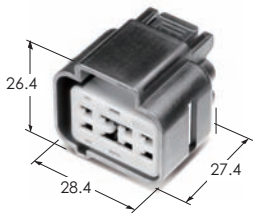
DERATING CURVE



KET ENGINEERED

N060 WP CONNECTOR

HOUSING

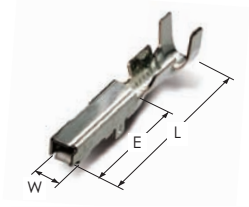
Poles	Female	Male
2	MG 645638 	MG 655641 
6	MG 645579 	MG 655640 
8	MG 645725 	MG 655673 
	MG 645880 	
	MG 645879 	

060 WP(0.8T) CONNECTOR

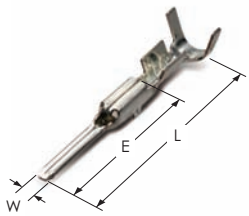
▶ The 060 Connector is waterproof connector with blade width of 0.060 inch (0.80mm)
▶ Double locking mechanism to prevent terminal push-out, Pre-set holder
▶ Unification of spacer assures complete terminal insertion

TERMINAL

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Part No.	Wire Range AWG	Wire Range mm²	Material Finish	Dimension(mm) L	Dimension(mm) ∈	Dimension(mm) W	Type
ST731273-3	24	CHFUS 0.22	Copper Alloy (Pre-Tin)	19.8	10.0	2.5	Ⓐ
ST731274-3	22-20	AEXF(AVSSXF) 0.3~0.5	Copper Alloy (Pre-Tin)	19.8	10.0	2.5	
ST731275-3	18-16	AEXF(AVSSXF) 0.85~1.25	Copper Alloy (Pre-Tin)	19.8	10.0	2.5	
ST741276-3	24	CHFUS 0.22	Copper Alloy (Pre-Tin)	26.1	13.5	1.5	Ⓑ
ST741277-3	22-20	AEXF(AVSSXF) 0.3~0.5	Copper Alloy (Pre-Tin)	26.1	13.5	1.5	
ST741278-3	18-16	AEXF(AVSSXF) 0.85~1.25	Copper Alloy (Pre-Tin)	26.1	13.5	1.5	

WIRE SEAL

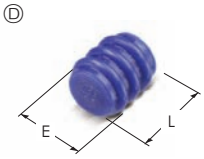


Part No.	Wire Range mm²	Material	Color	Dimension(mm) L	Dimension(mm) ∈	Type
MG 683894	AVSSXF 0.3~0.5	Silicone	Blue	8.0	5.4	
MG 683895	AEXF 0.3~0.5 AVSSXF 0.85~1.25	Silicone	Red	8.0	5.4	Ⓒ
MG 683896	AEXF 0.85	Silicone	Black	8.0	5.4	
MG 683897	AEXF 1.25	Silicone	Green	8.0	5.4	
MG 683898	Dummy seal	Silicone	Blue	6.2	5.5	Ⓓ

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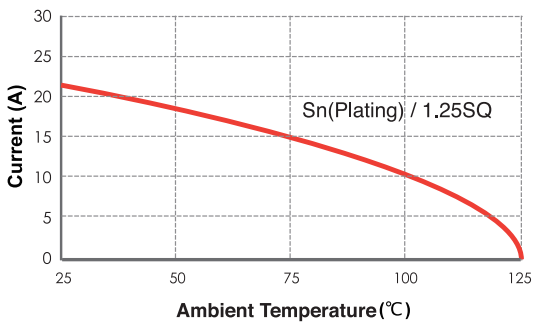


Suitable Clip: **090II Type**

SPECIFICATIONS

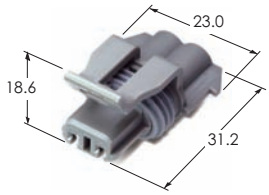
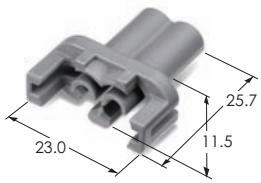
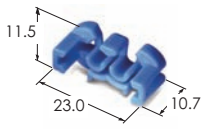
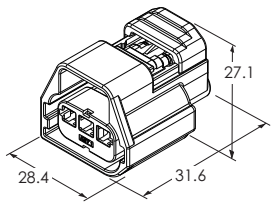
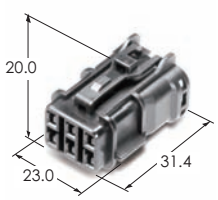
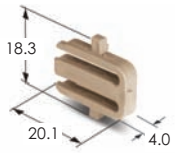
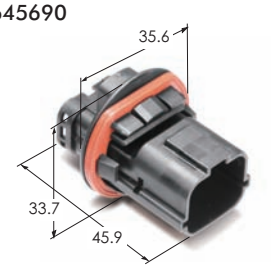
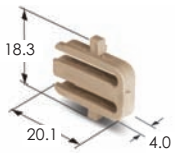
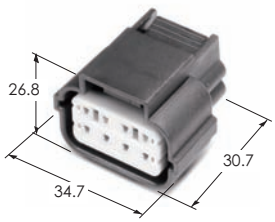
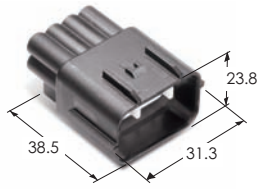
Current Rating	10A
Temperature Range	-40 ~ 125℃
Contact Resistance	5mΩ Max(Initial)
Insulation Resistance	DC 500V 100MΩ Min
Wire Size	0.22 ~ 1.25mm²
Housing	P.B.T

DERATING CURVE



060 WP(0.8T) CONNECTOR

HOUSING

Poles	Female / Rear Holder	Male / Rear Holder
2	MG654467-4  MG635857 	MG634466-2 
3	MG657015 	
6	MG615547  MG630338-7 	MG645690  MG630338-7 
8	MG645450 	MG655447 

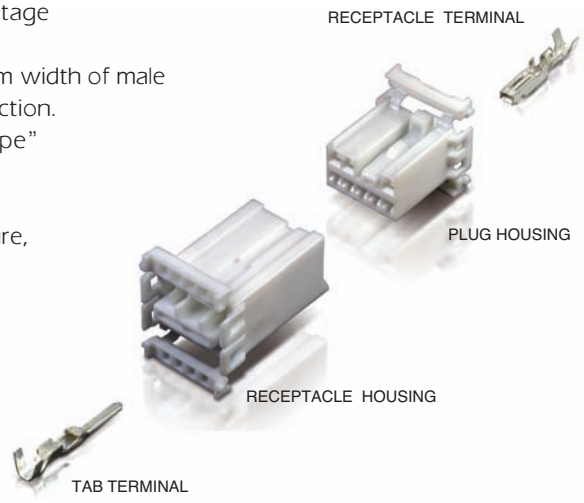
HOUSING (060 WP)

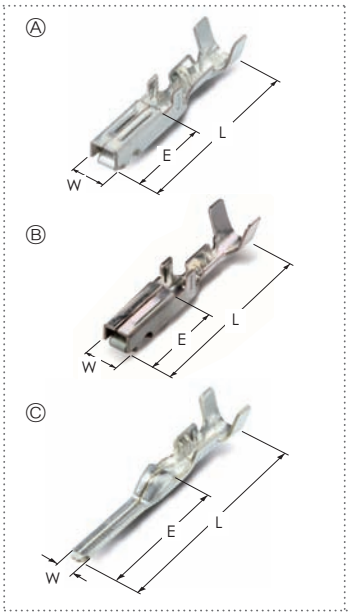
Poles	Female	Male
15	MG645872  (N060 14P+FAKRA 1P)	MG655819 

SDL CONNECTOR

SDL(Suitable Double Lock) CONNECTOR

- Suitable Double Lock Connector designed for circuits with mid voltage applications in automobiles.
- These are multi-pole, small, non waterproof Connector with 1.8mm width of male terminal and can be used for wire to wire and wire to PCB connection.
- Double Lock Function with Rear Holder. These are "All in One Type" with a hinged rear holder, and with double lock function to combine rear holder after inserting terminal into housing.
- As the receptacle housing is designed to have squared hole structure, the alignment of male terminal is excellent and vibration of terminal inside the housing is eliminated.
- The spring section of female terminal is designed with sufficient displacement to improve contact stability and reliability.





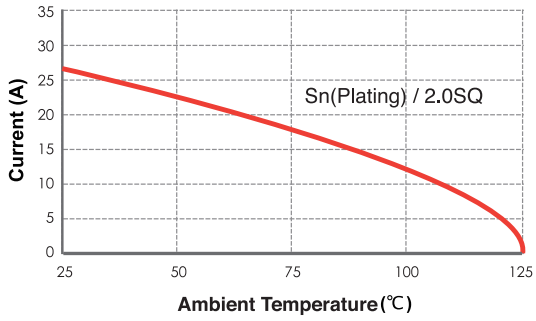
TERMINAL

Part No.	Wire Range		Material	Dimension(mm)			Type
	AWG	mm²	Finish	L	E	W	
ST730497-3	22-18	AVS 0.85 AVS 0.3, 0.5	Copper Alloy(Pre-Tin)	18.1	7.0	2.7	Ⓐ
ST730497-G		AVS 0.3, 0.85AVS 0.5, AVX 0.75	Copper Alloy(Au)				
ST730498-3	16-14	AVS 1.25 CAVS 1.25, AVSS 2.0	Copper Alloy (Pre-Tin)	18.1	7.0	2.7	
ST731099-3	24	AVSS 0.22 CHFUS 0.22	Copper Alloy (Pre-Tin)	18.1	7.0	2.7	
ST731417-3	22	AVSS, AVXF, AESSXF 0.3	Copper Alloy(Pre-Tin)	18.1	7.0	2.7	
ST731417-G		AVSS, AVXF, AESSXF 0.3	Copper Alloy(Au)				
ST740484-3	22-18	AVSS 0.3-0.85	Brass(Pre-Tin)	22.9	12.5	1.8	Ⓑ
ST740484-G			Brass(Au)				
ST740485-3	16-14	AVSS 1.25-2.0	Brass(Pre-Tin)	22.9	12.5	1.8	Ⓒ
ST740485-G			Brass(Au)				

SPECIFICATIONS

Current Rating	9A
Temperature Range	-40 ~ 85℃
Contact Resistance	3mΩ Max(Initial)
Insulation Resistance	DC 500V 100MΩ Min
Wire Size	0.22 ~ 2.0mm²
Housing	P.B.T

DERATING CURVE



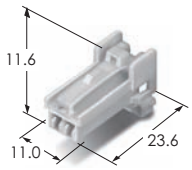
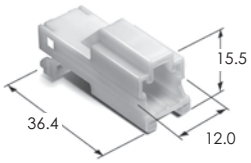
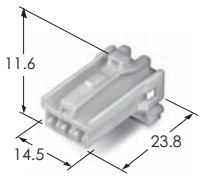
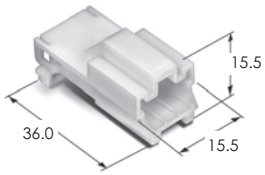
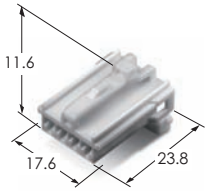
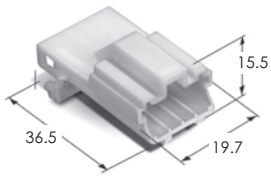
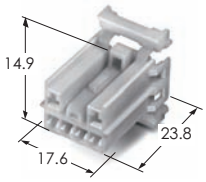
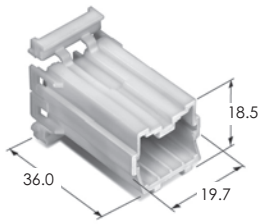
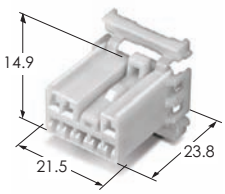
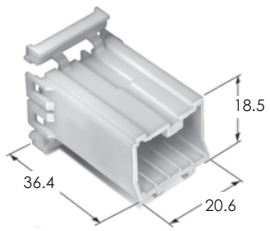
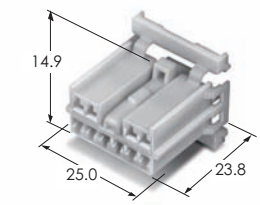
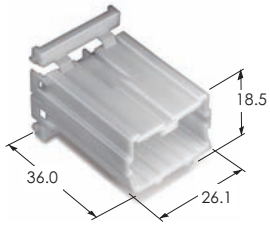
KET ENGINEERED

SDL CONNECTOR



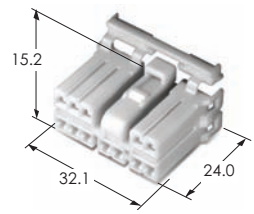
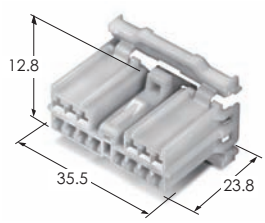
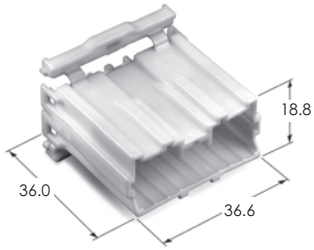
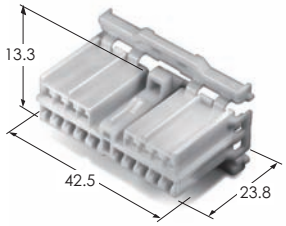
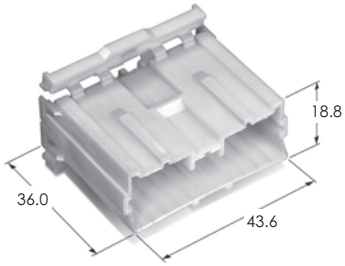
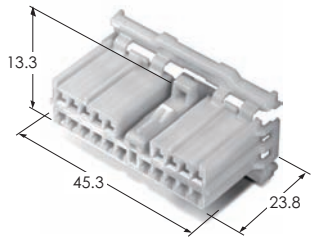
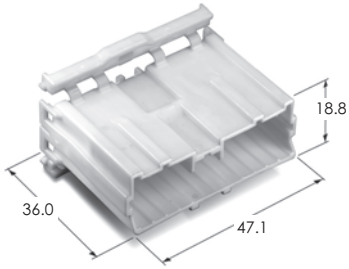
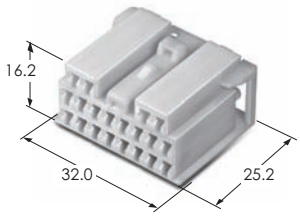
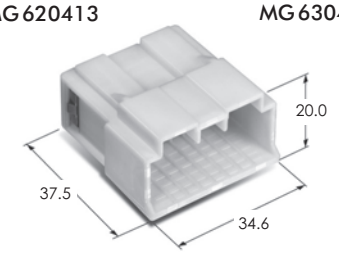
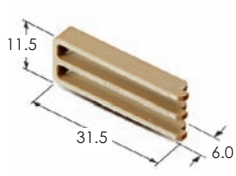
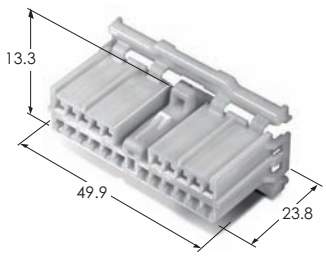
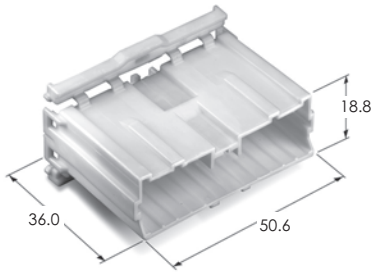
- The blade width of male terminal for this connector is 0.070 inch. (Distinctive features)
- Separate piece(Rather than hinged) rear holder utilize workability in automated harness assembly.

HOUSING

Poles	Female	Male
2	MG 610392 	MG 620393 
3	MG 610394 	MG 620395 
4	MG 610396 	MG 620397 
6	MG 610398 MG 611365(M/Function) 	MG 620401 
8	MG 610402 	MG 620403 
10	MG 610404 	MG 620405 

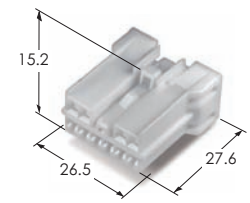
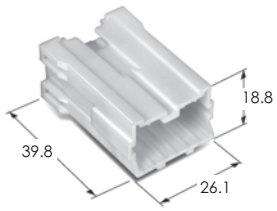
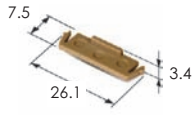
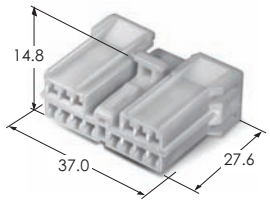
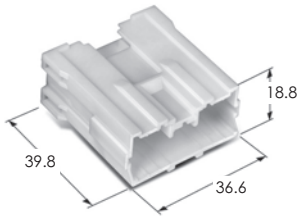
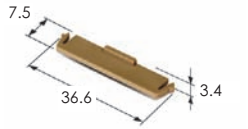
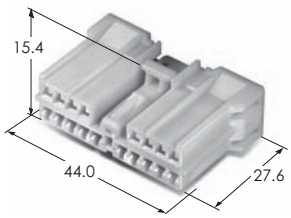
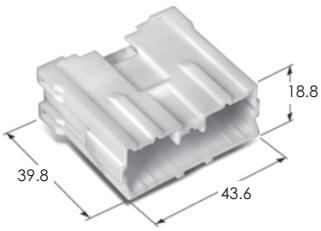
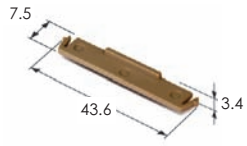
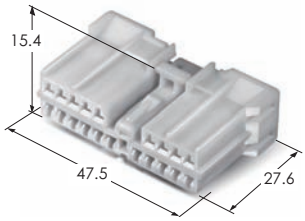
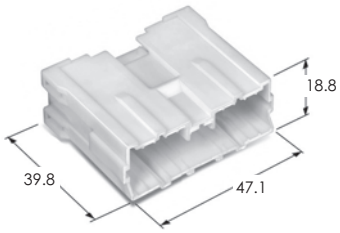
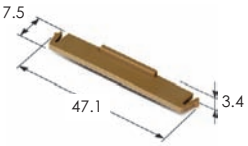
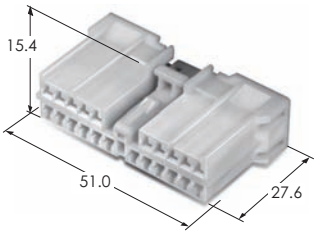
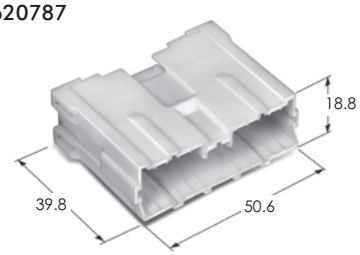
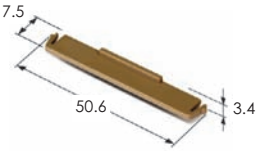
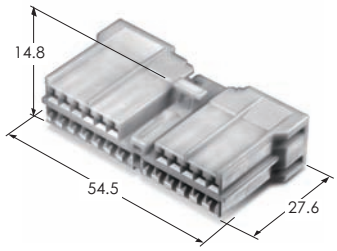
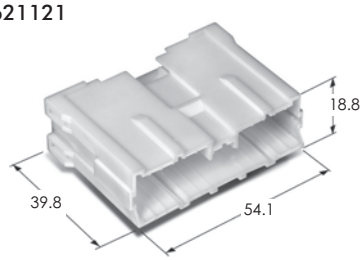
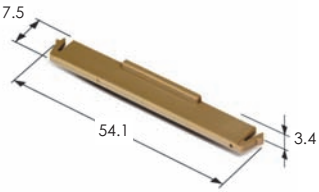
SDL CONNECTOR

HOUSING

Poles	Female	Male
12	MG614475 	
14	MG610406 	MG620407 
18	MG610408 	MG620409 
20	MG610410 	MG620411 
	MG610412 	MG620413  MG630414-7 
22	MG610415 	MG620416 

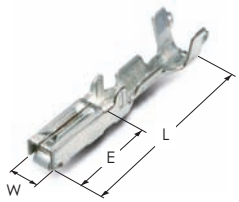
SDLII CONNECTOR

HOUSING

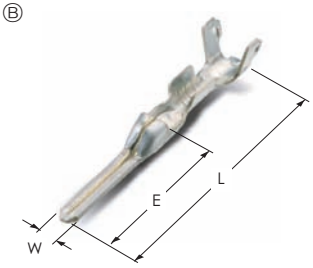
Poles	Female	Male	Rear Holder
10	MG611176 	MG621177 	MG631178-7 
14	MG611514 	MG621515 	MG631516-7 
18	MG611179 	MG621180 	MG631181-7 
20	MG611517 	MG621518 	MG631519-7 
22	MG610786 	MG620787 	MG630788-7 
24	MG611120 	MG621121 	MG631122-7 

SWP CONNECTOR

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TERMINAL

Part No.	Wire Range AWG	Wire Range mm²	Material Finish	Dimension(mm) L	E	W	Type
ST730495-3	22~20	AVS 0.3, 0.5, 0.85 AVX 0.75f, 0.85	Copper Alloy(Pre-Tin)	18.7	7.0	2.7	Ⓐ
ST730495-G			Copper Alloy(Au)				
ST730496-3	18~14	AV(S) 0.85, 1.25 AEX(AVX) 0.85, 1.25 AVSS 2.0	Copper Alloy(Pre-Tin)	18.7	7.0	2.7	
ST730496-G			Copper Alloy(Au)				
ST731104-3	24	CHFUS 0.22 AVSS 0.22	Copper Alloy (Pre-Tin)	18.7	7.0	2.7	
ST731418-3	22	AVSS 0.3	Copper Alloy(Pre-Tin)	18.7	7.0	2.7	
ST731418-G			Copper Alloy(Au)				
ST740482-3	22-18	AVS 0.3, 0.5, 0.85 AVX 0.75f, 0.85	Brass(Pre-Tin)	24.2	12.5	1.8	Ⓑ
ST740482-G			Brass(Au)				
ST740483-3	18-14	AV(S) 0.85, 1.25 AEX(AVX) 0.85, 1.25 AVSS 2.0	Brass(Pre-Tin)	24.2	12.5	1.8	
ST740483-G			Brass(Au)				
ST741366-3	22	AVSS 0.3	Brass(Pre-Tin)	24.2	12.5	1.8	
ST741366-G			Brass(Au)				

WIRE SEAL

Part No.	Wire Range mm²	Material	Color	Dimension(mm) L	E	Type
MG680448	CAVS 0.3 AVSS 0.3	Silicone	Green	8.1	Ø5.9	Ⓒ
MG680449	AVS 0.3-0.5 CAVS 0.5-0.85	Silicone	Black	8.1	Ø5.9	
MG680450	AVS 0.85 AVSS 1.25	Silicone	Orange	8.1	Ø5.9	
MG680451	AVS 1.25 AVSS 2.0	Silicone	Blue	8.1	Ø5.9	
MG680772	SSWP Wire Seal(M)	Silicone	Blue	8.1	Ø5.9	
MG680773	SSWP Wire Seal(L)	Silicone	Blue	8.1	Ø5.9	
MG681266	Dummy Seal	Silicone	Blue	6.8	Ø5.9	Ⓓ
MG680477	SWP DUMMY Seal	Silicone	Natural	8.1	Ø5.9	Ⓔ

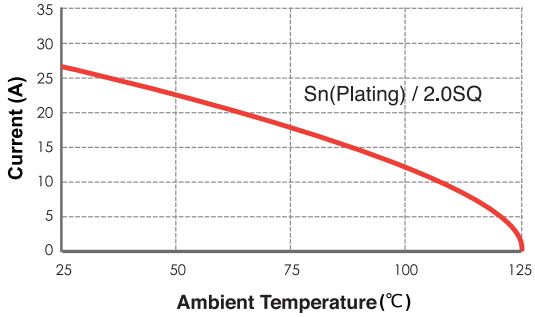
Ⓒ Ⓓ Ⓔ



SPECIFICATIONS

Current Rating	9A
Temperature Range	-40 ~ 125℃
Contact Resistance	3mΩ Max(Initial)
Insulation Resistance	DC 500V 100MΩ Min
Wire Size	0.3 ~ 2.0mm²
Housing	P.B.T

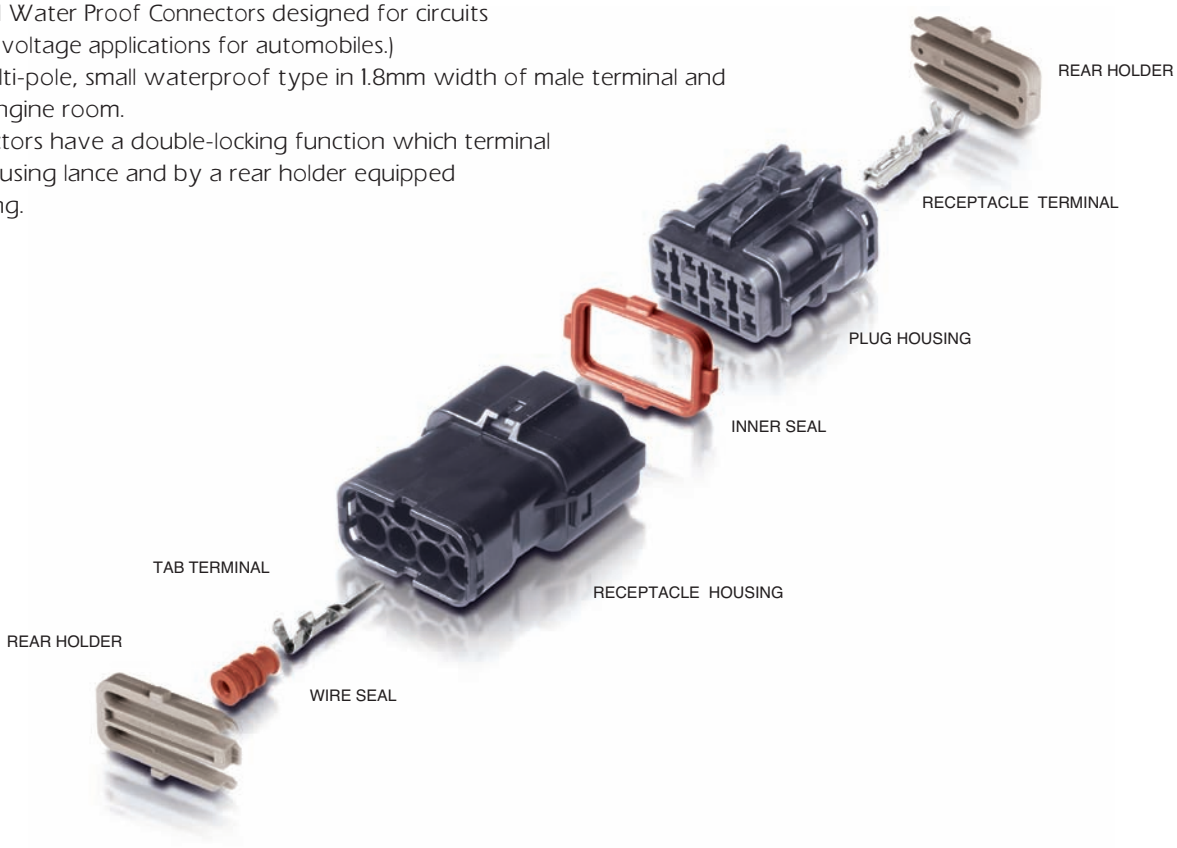
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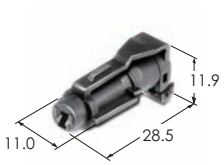
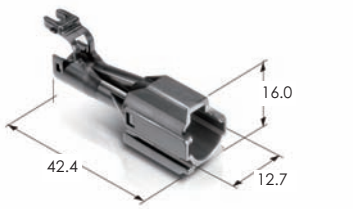
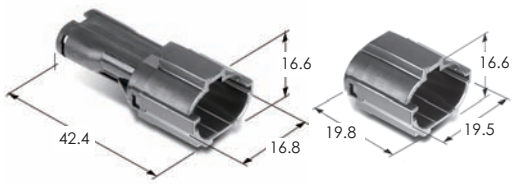
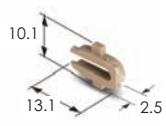
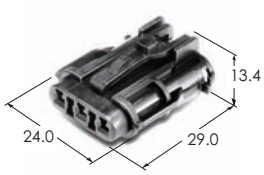
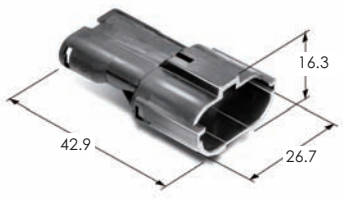
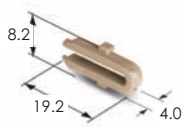
KET ENGINEERED

SWP CONNECTOR

- Superior Small Water Proof Connectors designed for circuits (in the middle voltage applications for automobiles.)
- These are multi-pole, small waterproof type in 1.8mm width of male terminal and suitable for engine room.
- These connectors have a double-locking function which terminal is fixed by housing lance and by a rear holder equipped behind housing.



HOUSING

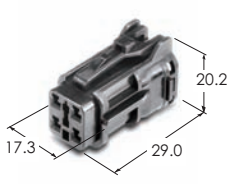
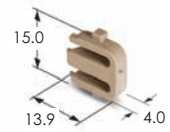
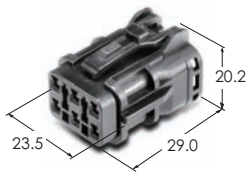
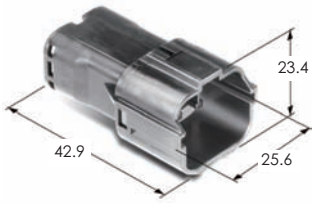
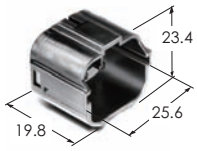
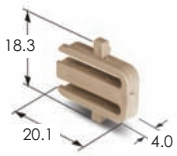
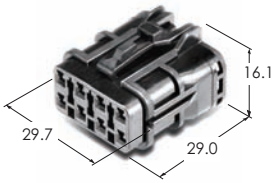
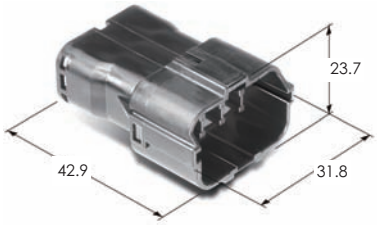
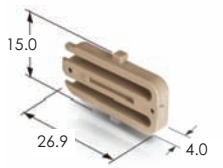
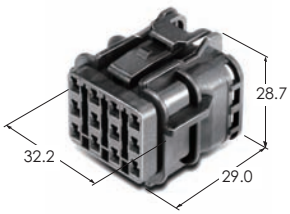
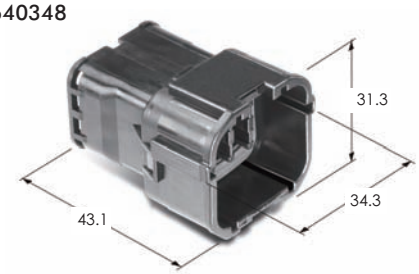
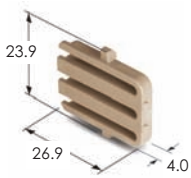
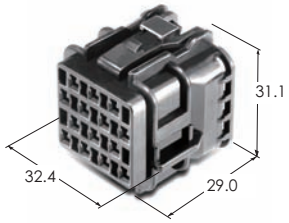
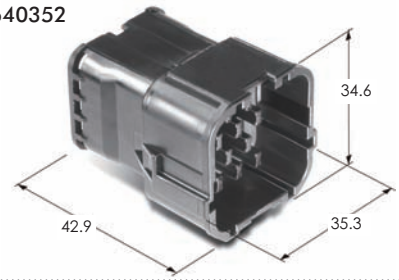
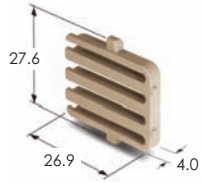
Poles	Female	Male	Rear Holder
1	MG 610278 	MG 640280 	
2	MG 610320 	MG 640322 MG 642552(CAP) 	MG 630326-7 
3	MG 610327 MG 612181(Dummy) 	MG 640329 	MG 630330-7 

SWP CONNECTOR

- Function to prevent false-connections:these connectors have a rib installed inside receptacle housing to insure mating of plug & receptacle.
- Inertial Locking Mode : when combining connectors (maximum to 8p), repellent force lock reaches zero just before male & female terminal are going to contact, and connectors are completely combined due to inertial force.
- Individual wire seal :it makes easy to insert into housing due to two piece structure with resinous rear stopper inside wire seal.



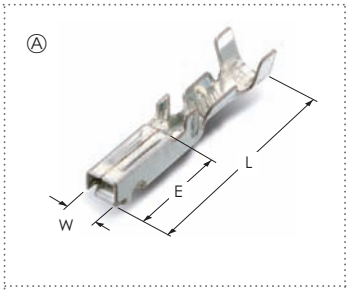
HOUSING

Poles	Female	Male	Rear Holder
4	MG 610331 	MG 640333 	MG 630334-7 
6	MG 610335 	MG 640337  MG 642554(CAP) MG 643424(CAP+CLIP) 	MG 630338-7 
8	MG 610339 	MG 640341 	MG 630345-7 
12	MG 610346 	MG 640348 	MG 630349-7 
14	MG 610350 	MG 640352 	MG 630353-7 

KET ENGINEERED

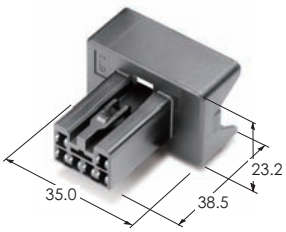
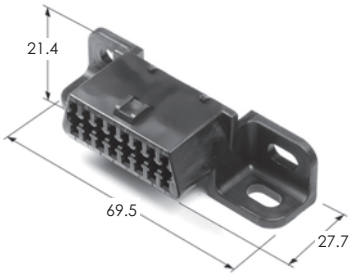
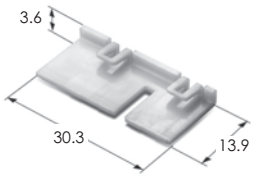
DIAGNOSIS CONNECTOR

OBDII TERMINAL



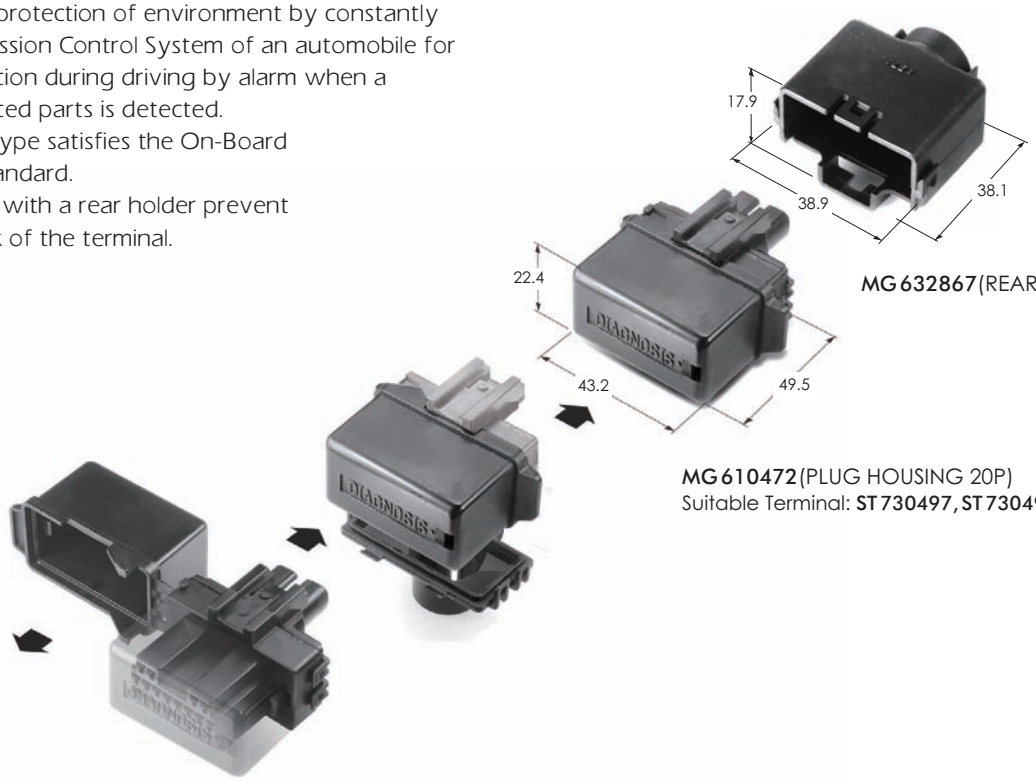
Part No.	Wire Range		Material	Dimension(mm)			Type
	AWG	mm^2	Finish	L	E	W	
ST730618-3	22-18	AVSS 0.3-0.85	Copper Alloy (Pre-Tin)	16.2	7.0	2.6	Ⓐ

OBDII HOUSING

Poles	female / Rear Holder			
6	MG656986		16	MG610761  MG630762 

DIAGNOSIS CONNECTOR

- Contributes to protection of environment by constantly monitoring Emission Control System of an automobile for Its proper function during driving by alarm when a disorder in related parts is detected.
- Screw mount type satisfies the On-Board Diagnostic II standard.
- Double locking with a rear holder prevent incomplete lock of the terminal.



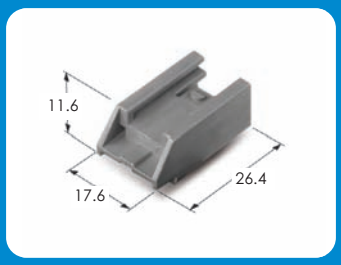
MG632867(REAR COVER)

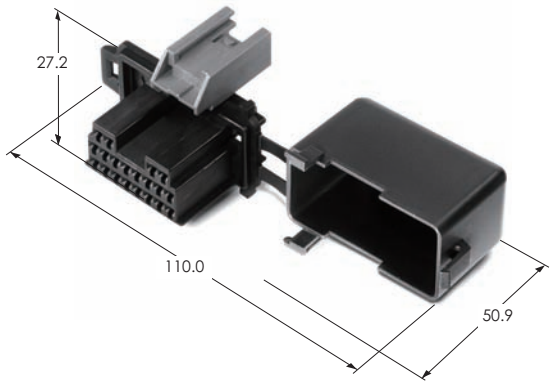
MG610472(PLUG HOUSING 20P)
Suitable Terminal: **ST730497, ST730498**

DIAGNOSIS CONNECTOR

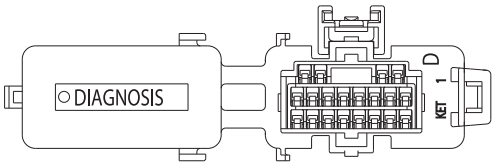
DIAGNOSIS CONNECTOR

DIAGNOSIS 20F SUB CLIP

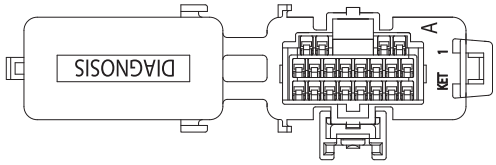




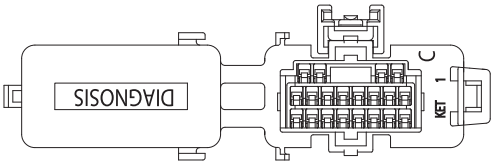
MG652863



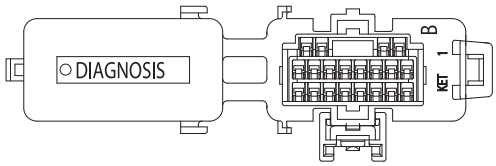
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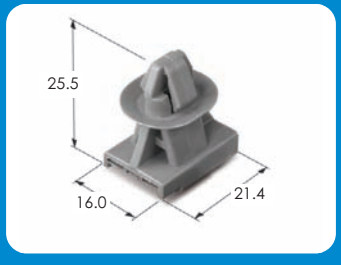
MG653650(Clip:Dark Gray)
MG653849(Clip:BLACK)

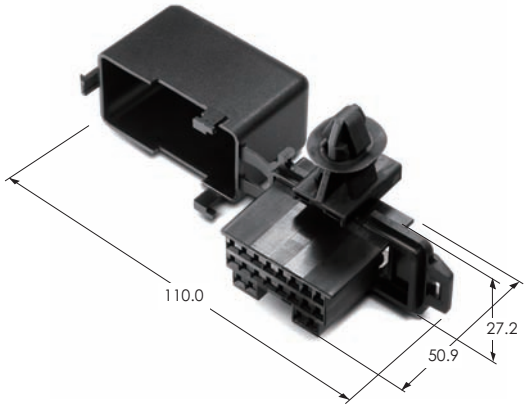


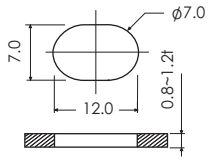
MG653651



DIAGNOSIS CLIP(7.0X12.0 TYPE)

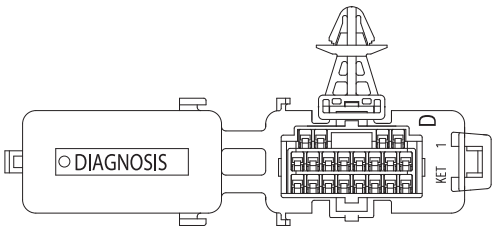




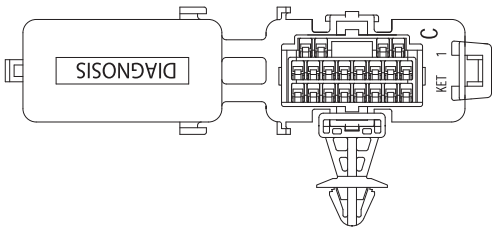


Applicable Panel

MG653077



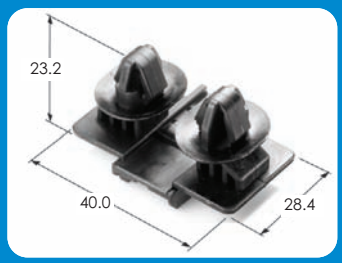
MG653078

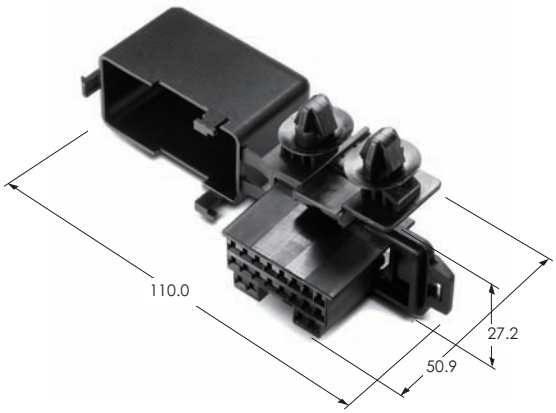


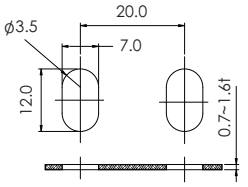
DIAGNOSIS CONNECTOR

DIAGNOSIS CONNECTOR

DIAGNOSIS 20F DOUBLE CLIP

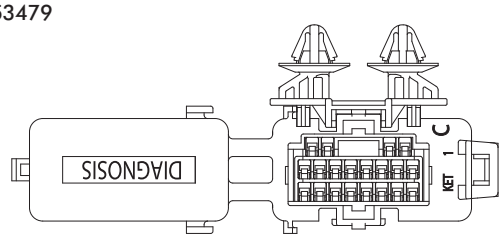




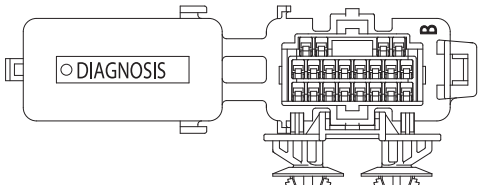


Applicable Panel

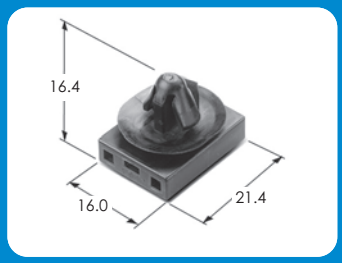
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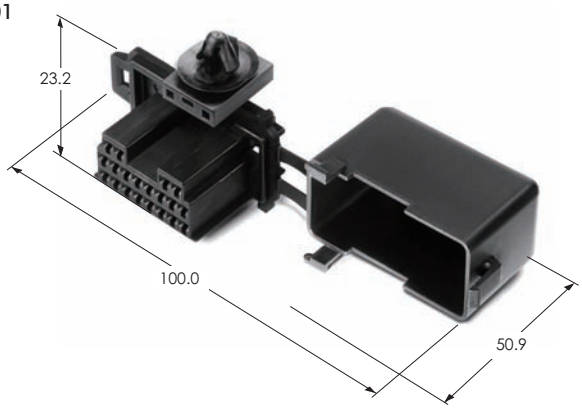
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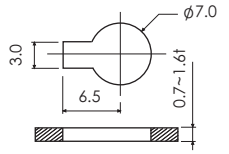


DIAGNOSIS 20F CLIP (ø7.0 KEY HOLE TYPE)



MG653401

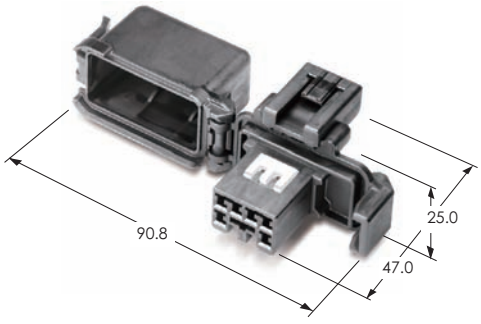




Key Hole Panel Dimensions

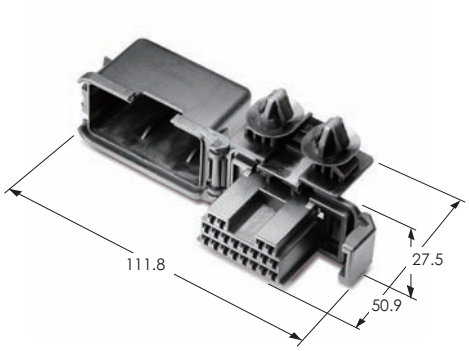
DIAGNOSIS F

MG656813



DIAGNOSIS F

MG656853

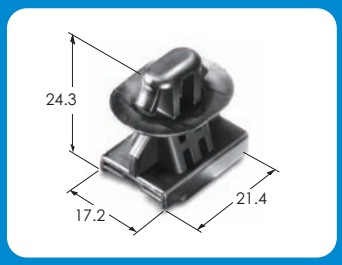


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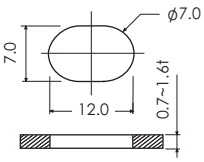
DIAGNOSIS CONNECTOR

DIAGNOSIS CONNECTOR

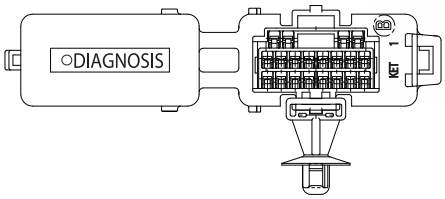
DIAGNOSIS 20F CLIP (7.0X12.0 TYPE)

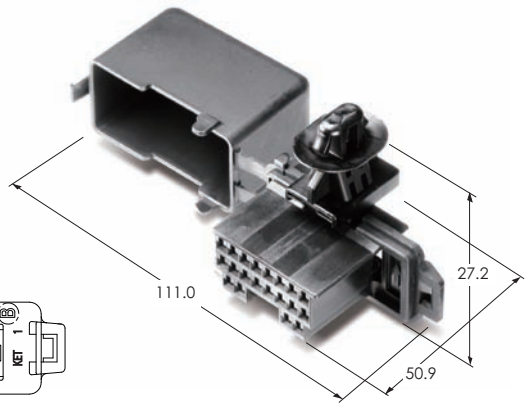


MG655707



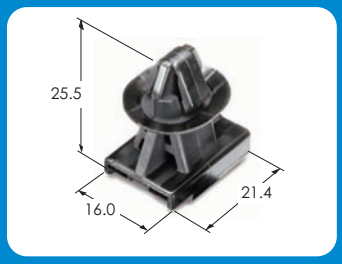
Applicable Panel



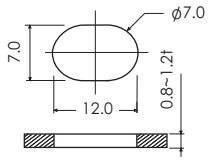


Suitable Terminal : **ST730497, ST730498**
Suitable Rear Holder : **MG630414-7**
Suitable Rear Cover : **MG635624**

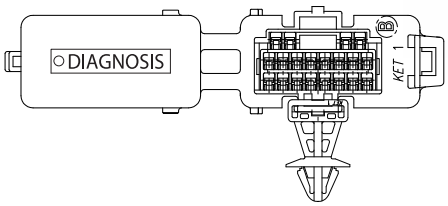
DIAGNOSIS 20F CLIP (7.0X12.0 TYPE)

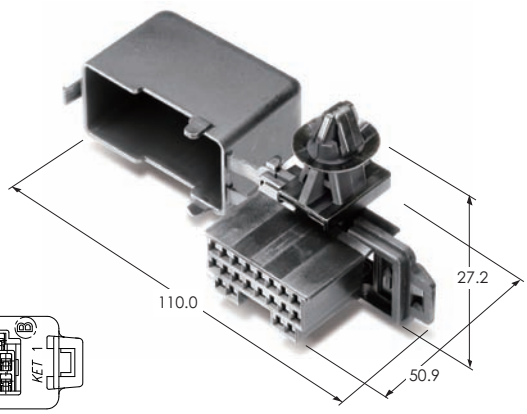


MG655676



Applicable Panel

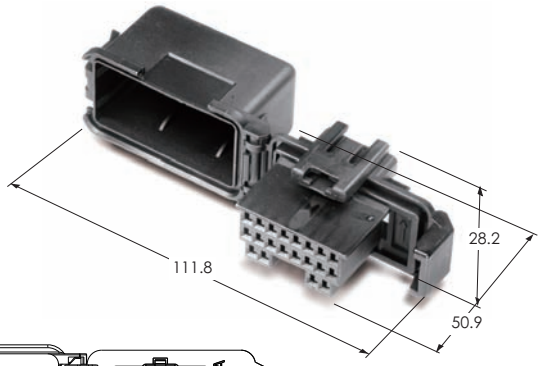


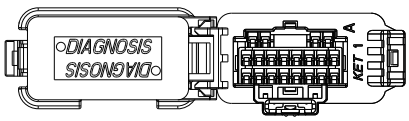


Suitable Terminal : **ST730497, ST730498**
Suitable Rear Holder : **MG630414-7**
Suitable Rear Cover : **MG632867**

DIAGNOSIS 20F

MG655737

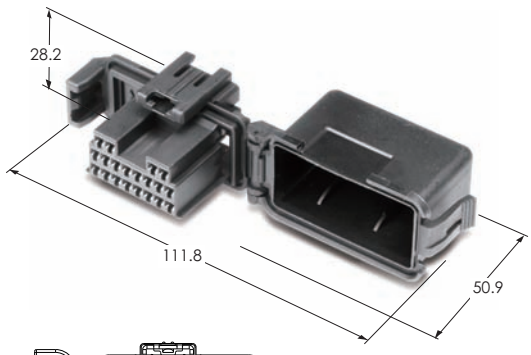


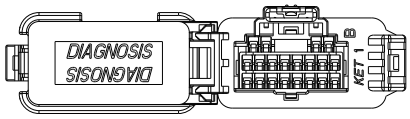


Suitable Terminal : **ST730497, ST730498**
Suitable Rear Holder : **MG630414-7**
Suitable Rear Cover : **MG635658-5**

DIAGNOSIS 20F

MG655749



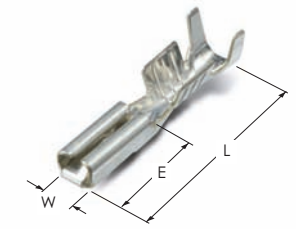


Suitable Terminal : **ST730497, ST730498**
Suitable Rear Holder : **MG630414-7**
Suitable Rear Cover : **MG635658-5**

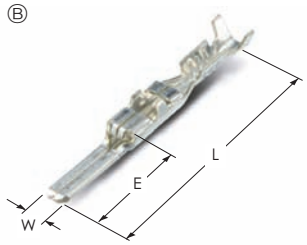
090 CONNECTOR(2.3mm)

TERMINAL

Ⓐ



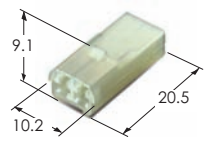
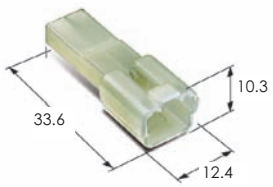
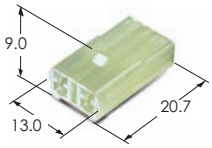
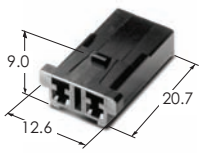
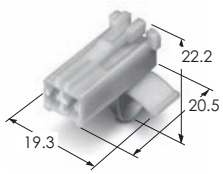
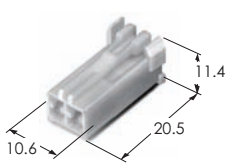
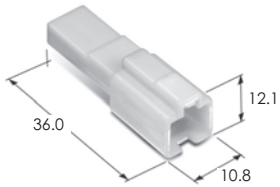
Ⓑ



Part No.	Wire Range		Material	Dimension(mm)			Type
	AWG	mm²	Finish	L	E	W	
ST730365-3	24-20	AVSS 0.3~0.5	Brass(Pre-Tin)	17.2	7.0	3.0	Ⓐ
ST730366-3	18-16	AVSS 0.85~1.25	Brass(Pre-Tin)	17.2	7.0	3.0	
ST740367-3	24-20	AVSS 0.3~0.5	Brass(Pre-Tin)	26.7	9.5	2.3	Ⓑ
ST740368-3	18-16	AVSS 0.85~1.25	Brass(Pre-Tin)	26.7	9.5	2.3	

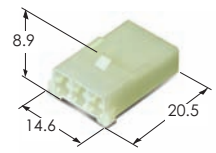
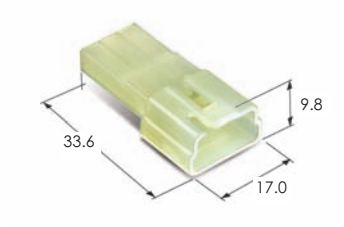
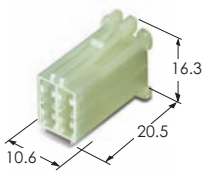
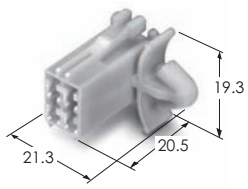
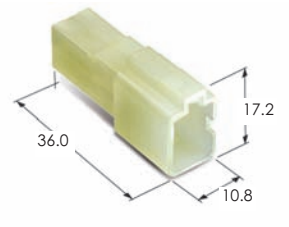
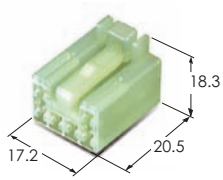
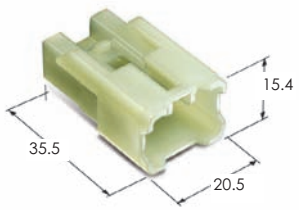
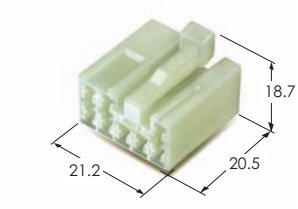
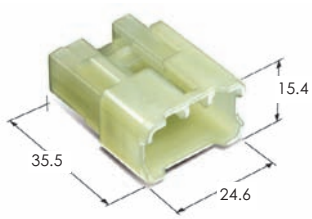
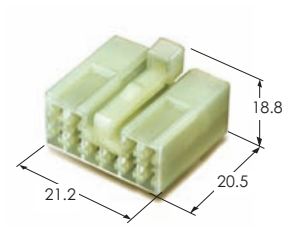
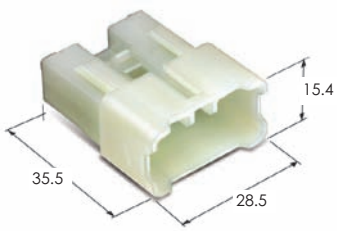
▶Designed for low voltage miniaturized terminals.
▶High Density and Reliability.
▶Designed to provide excellent mating characteristics of terminal and housing lance to prevent false connection.

HOUSING

Poles	Female	Male
2	MG610070 	MG620074 
	MG612861  MG615413 	
	MG630679(P.B.T)  MG610489(P.B.T) 	MG620490(P.B.T) 

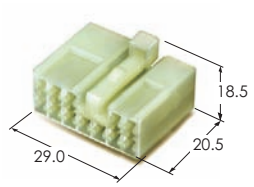
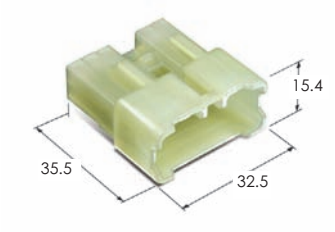
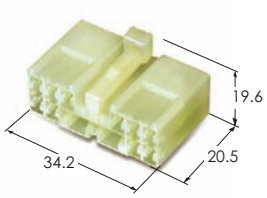
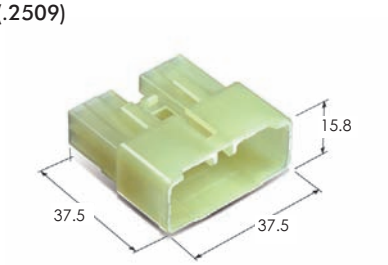
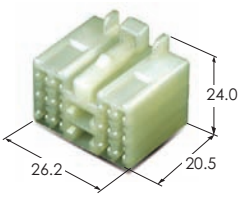
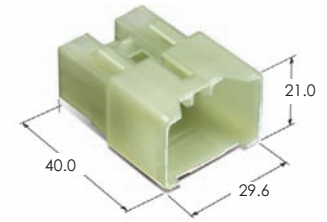
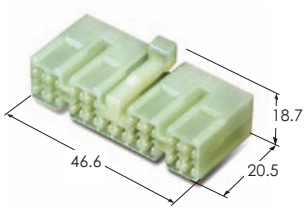
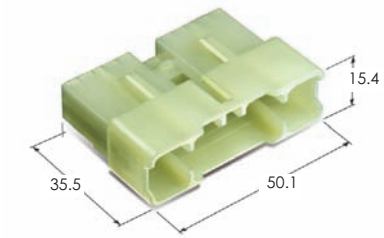
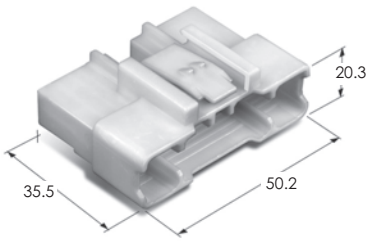
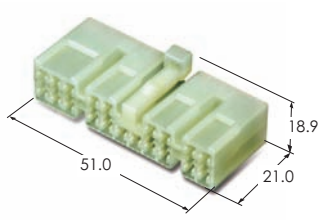
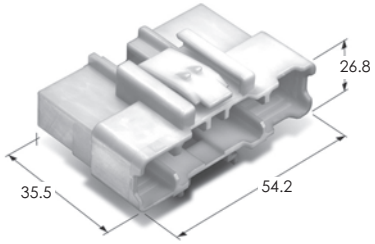
090 CONNECTOR(2.3mm)

HOUSING

Poles	Female	Male
3	MG610205 	MG620206 
4	MG610159  MG630680(P.B.T) 	MG620160 
6	MG610152 	MG620153 
8	MG610054 	MG620053 
10	MG610056 	MG620055 

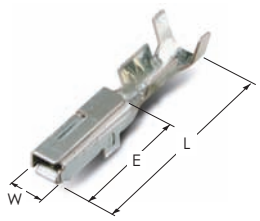
090 CONNECTOR(2.3mm)

HOUSING

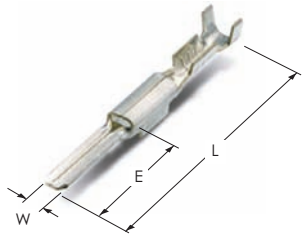
Poles	Female	Male
12	MG610058 	MG620057 
	MG610121(.2509) 	MG620122(.2509) 
14	MG610071(.2509) 	MG620072(.2509) 
18	MG610062 	MG620061 
		MG620834 
20	MG610808 	MG620809 

090II CONNECTOR

Ⓐ



Ⓑ



TERMINAL

Part No.	Wire Range		Material	Dimension(mm)			Type
	AWG	mm²	Finish	L	E	W	
ST731100-3	24	CHFUS 0.22 AVSS 0.22	Copper Alloy(Pre-Tin)	18.3	9.0	2.9	Ⓐ
ST731349-3	19	FLALUY 0.75	Copper Alloy(Pre-Tin)	18.0	9.0	2.9	
ST730675-3	22-20	AVS(CAVS) 0.3~0.5 CIVUS 0.35, 0.5	Copper Alloy(Pre-Tin)	18.0	9.0	2.9	
ST730675-G			Copper Alloy(Au)				
ST730676-3	18-16	AVS(CAVS) 0.85~1.25	Copper Alloy(Pre-Tin)	18.0	9.0	2.9	
ST731404-3	16	FLALUY 1.25	Copper Alloy(Pre-Tin)	18.0	9.0	2.9	
ST730677-3	14-13	AVSS 2.0, AESSXF 2.5	Copper Alloy(Pre-Tin)	18.0	9.0	2.9	
ST741101-3	24	CHFUS 0.22 AVSS 0.22	Copper Alloy(Pre-Tin)	27.0	10.3	2.3	Ⓑ
ST740672-3	22-20	AVS(CAVS) 0.3~0.5	Brass(Pre-Tin)	26.7	10.3	2.3	
ST740672-G			Brass(Au)				
ST740673-3	18-16	AVS(CAVS) 0.85~1.25	Brass(Pre-Tin)	26.7	10.3	2.3	
ST740673-G			Brass(Au)				
ST740674-3	14-13	AVSS 2.0, AESSXF 2.5	Brass(Pre-Tin)	26.7	10.3	2.3	
ST740674-G			Brass(Au)				

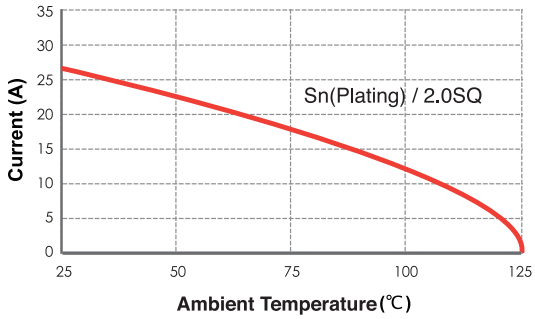
090 II CONNECTOR

- Improved design from 090 size connector for higher reliability.
  The blade width of male terminal for this connector is 0.090 inches.(Distinctive Features)
- Double locking system eliminates terminal push-out.(Housing Lance, Side Lock).
- Connector cannot be mated if preset terminal spacer is not in full-lock position.

SPECIFICATIONS

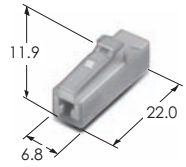
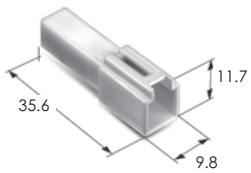
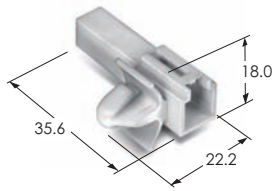
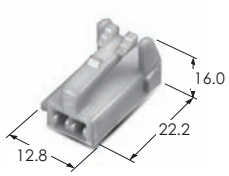
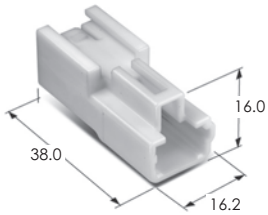
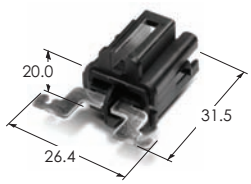
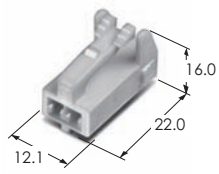
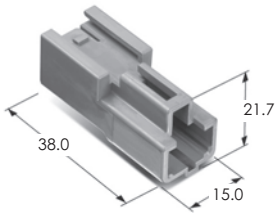
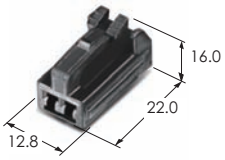
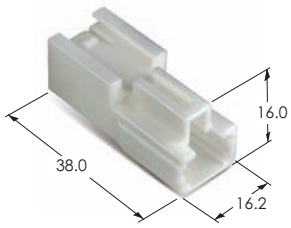
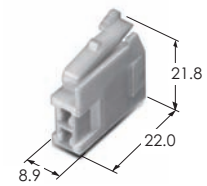
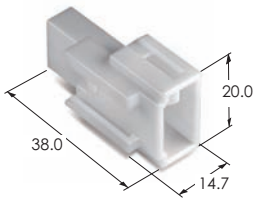
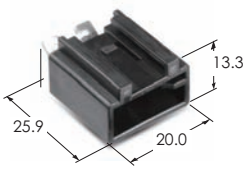
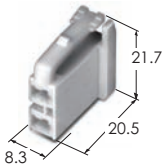
Current Rating	10A
Temperature Range	-40 ~ 85℃
Contact Resistance	3mΩ Max(Initial)
Insulation Resistance	DC 500V 100MΩ Min
Wire Size	0.22 ~ 2.0mm²
Housing	P.B.T

DERATING CURVE



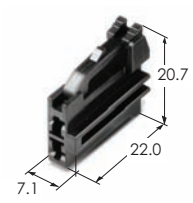
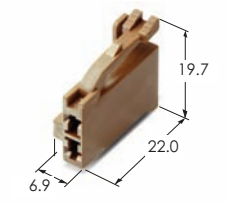
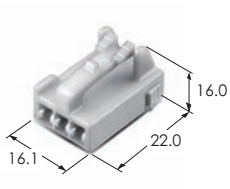
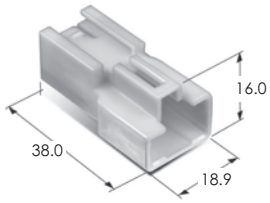
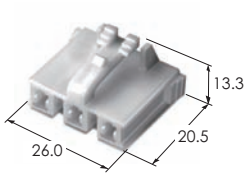
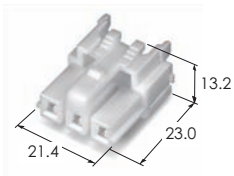
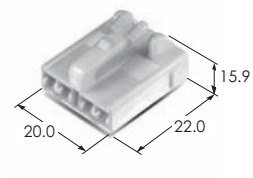
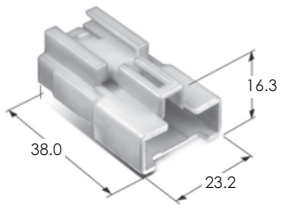
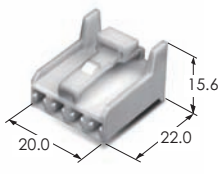
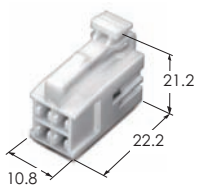
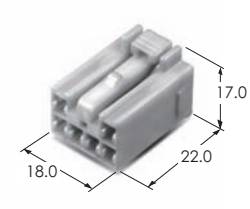
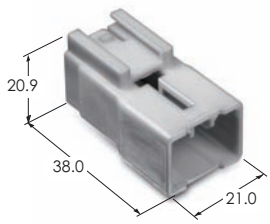
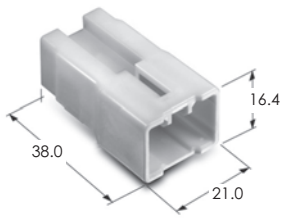
09011 CONNECTOR

HOUSING

Poles	Female	Male
1	MG651194 	MG641197  MG641199 
2	MG651026 	MG641029  MG645098 
	MG651201-4 	MG641203-4 
	MG651205 	MG641207 
	MG651759 	MG641762  MG642383 
	MG614147(Single Lock) 	

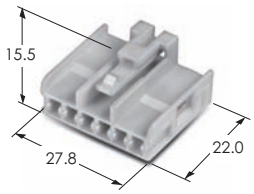
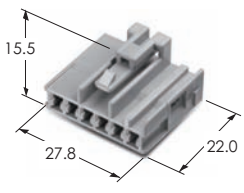
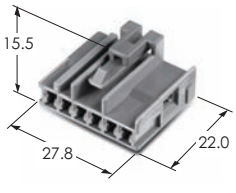
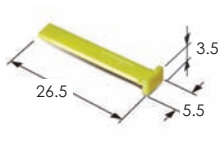
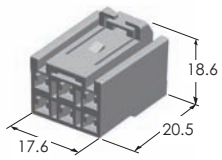
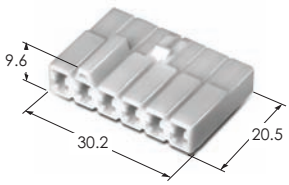
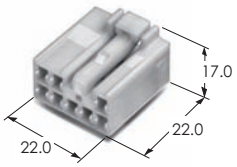
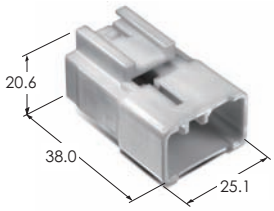
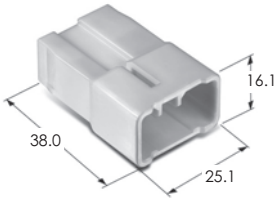
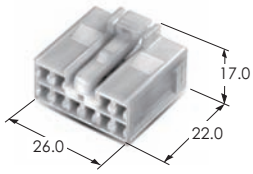
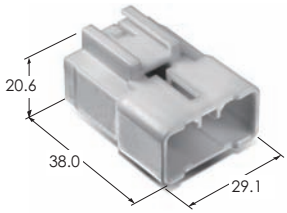
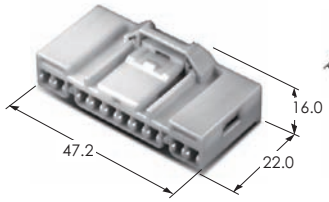
09011 CONNECTOR

HOUSING

Poles	Female	Male
2	MG 615094(LH)  MG 615095-7(RH) 	
3	MG 651032 	MG 641035 
	MG 615539  MG 615626  MG 635765 	
4	MG 651038 	MG 641041 
	MG 613806(Single Lock)  MG 655677 	
6	MG 651044 	MG 641047  MG 642449(Non Clip) 

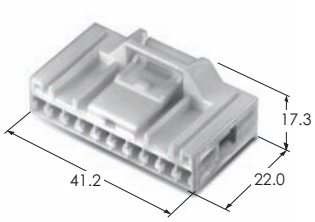
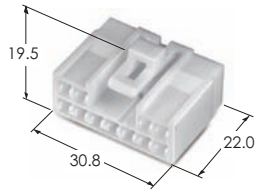
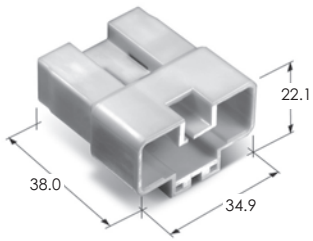
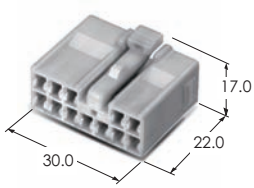
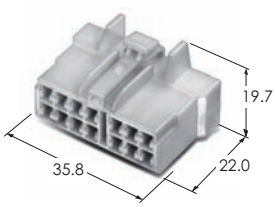
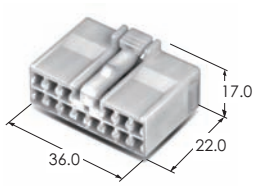
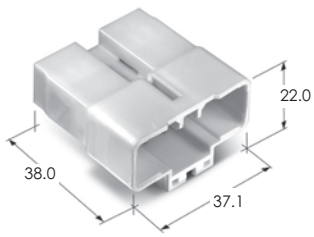
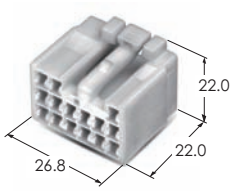
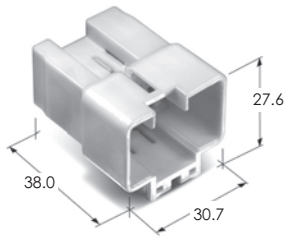
09011 CONNECTOR

HOUSING

Poles	Female	Male
6	MG 611777  MG 613052-7(LH) 	MG 613051-40(RH)  MG 631778-3 
	MG 613760(Single Lock) 	
	MG 614476 	
8	MG 651050 	MG 641053  MG 642450(Non Clip) 
10	MG 651056(A Type) MG 655680-7(B Type) MG 655681-2(C Type) 	MG 641059(A Type) 
	MG 612845  MG 632846-7 	

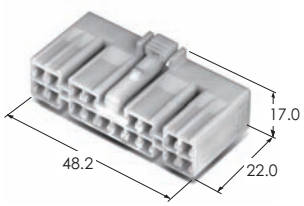
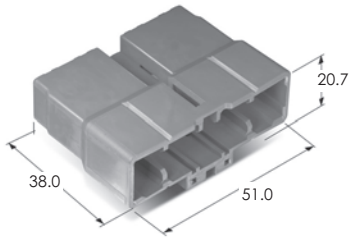
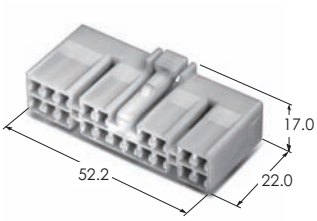
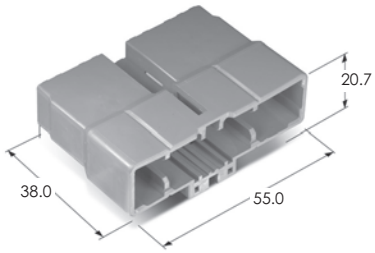
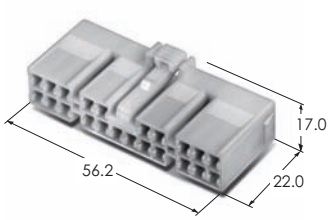
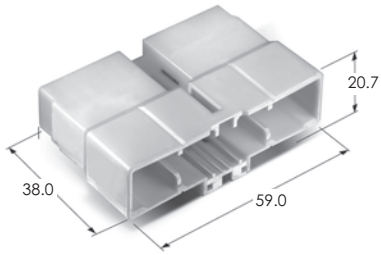
09011 CONNECTOR

HOUSING

Poles	Female	Male
10	MG613349  MG633350 	
11	MG651350 	MG641353 
12	MG651965 	
14	MG651127 	
	MG651110 	MG641113 
15	MG651068 	MG641071 

09011 CONNECTOR

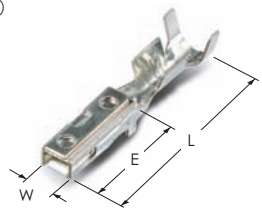
HOUSING

Poles	Female	Male
18	MG651074 	MG641077 
20	MG651080 	MG641083 
22	MG651086 	MG641089 

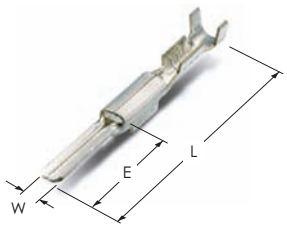
ASC CONNECTOR
(Automotive Standard Connector)

TERMINAL

Ⓐ



Ⓑ



Part No.	Wire Range		Material	Dimension(mm)			Type
	AWG	mm²	Finish	L	E	W	
ST731102-3	24	CHFUS 0.22 AVSS 0.22	Copper Alloy (Pre-Tin)	19.3	9.0	2.9	Ⓐ
ST730775-3	22~20	AVSS 0.3~0.5 CIVUS 0.35~0.5	Copper Alloy (Pre-Tin)	19.0	9.0	2.9	
ST730776-3	18~16	AVSS 0.85~1.25	Copper Alloy (Pre-Tin)	19.0	9.0	2.9	
ST730777-3	14	AVSS 2.0	Copper Alloy (Pre-Tin)	19.0	9.0	2.9	
ST731158-3	13	AVSSXF 2.5	Copper Alloy (Pre-Tin)	19.0	9.0	2.9	
ST741101-3	24	CHFUS 0.22 AVSS 0.22	Brass (Pre-Tin)	27.0	10.3	2.3	Ⓑ
ST740672-3 ST740672-G	22~20	AVSS(CAVS) 0.3-0.5	Brass (Pre-Tin)	26.7	10.3	2.3	
ST740673-3 ST740673-G	18~16	AVSS(CAVS) 0.85~1.25	Brass (Pre-Tin)	26.7	10.3	2.3	
ST740674-3 ST740674-G	14-13	AVSS 2.0 AESSXF 2.5	Brass (Pre-Tin)	26.7	10.3	2.3	



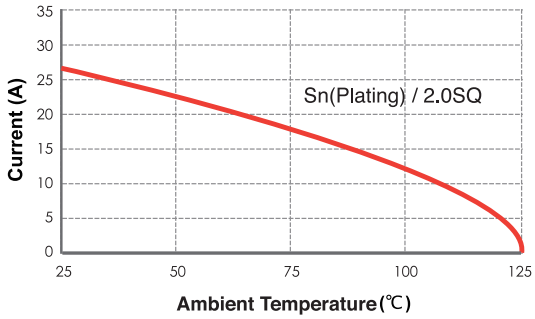
ASC(Automotive Standard Connector)

- Improved design from 090 size for higher reliability.
- The blade width of male terminal for this connector is 0.090 inch.
- In spacer assembly, improving on sensing function to prevent terminal mis-insertion
- Improving on terminal retention force with perfect joint structure.
- Because of small size, it is easy to make module & block of front-control circuit.

SPECIFICATIONS

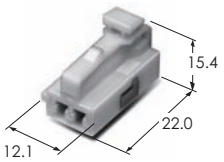
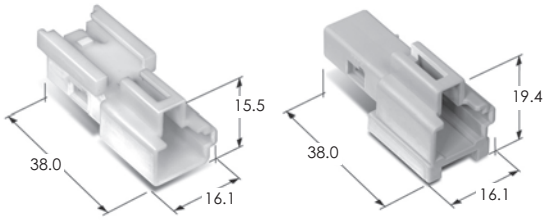
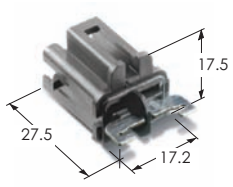
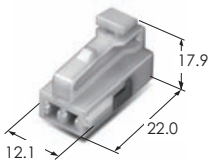
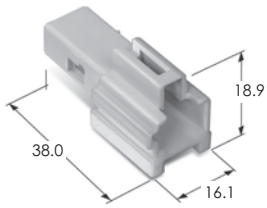
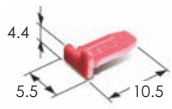
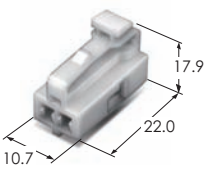
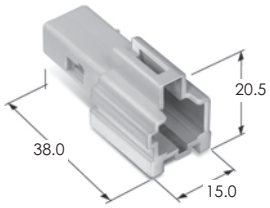
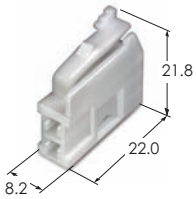
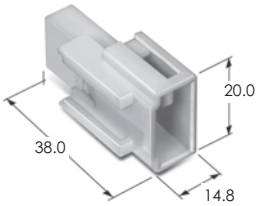
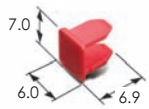
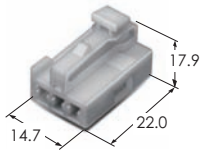
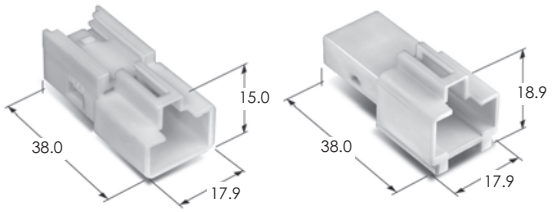
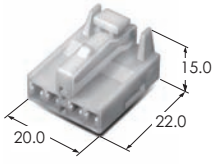
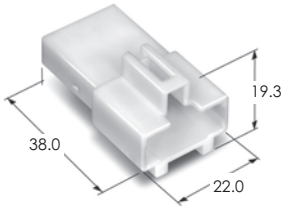
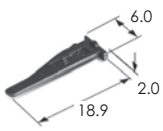
Current Rating	10A
Temperature Range	-40 ~ 85℃
Contact Resistance	3mΩ Max(Initial)
Insulation Resistance	DC 500V 100MΩ Min
Wire Size	0.22 ~ 2.5mm²
Housing	P.B.T

DERATING CURVE



ASC CONNECTOR
(Automotive Standard Connector)

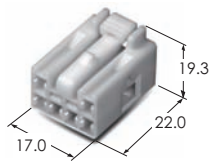
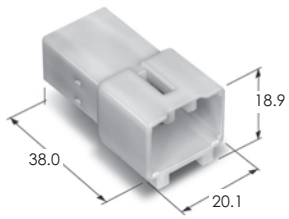
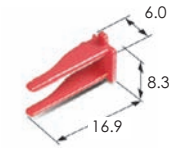
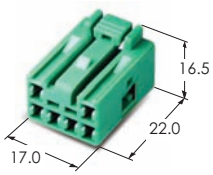
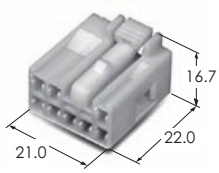
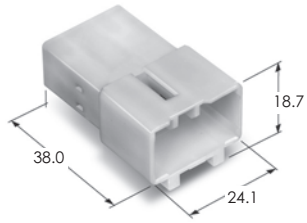
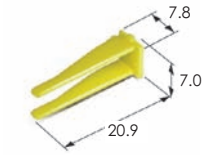
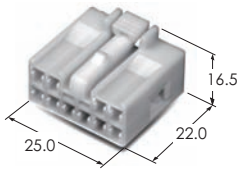
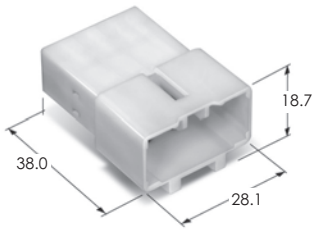
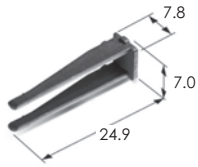
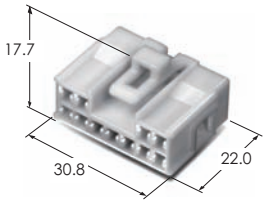
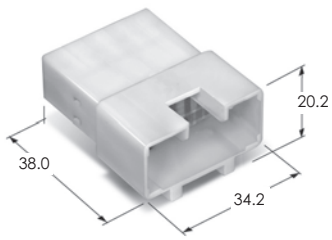
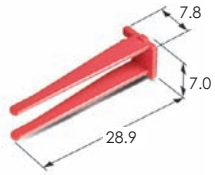
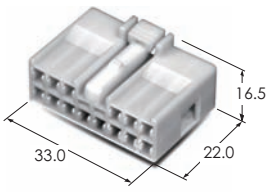
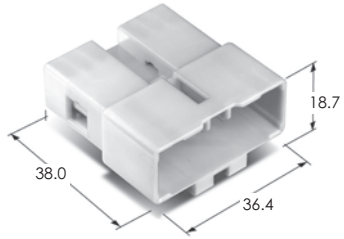
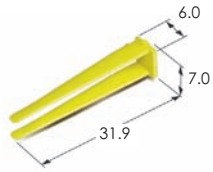
HOUSING

Poles	Female	Male	Spacer
2	MG611857 	MG621858 MG622937 	MG643520 
	MG612950 	MG622951 	MG631859-1 
	MG612948 	MG622949 	
	MG612952 	MG622953 	MG632954-1 
3	MG612034 	MG622035 MG622938 	MG632036-3 
4	MG612225 	MG622226 	MG632227 

ASC CONNECTOR

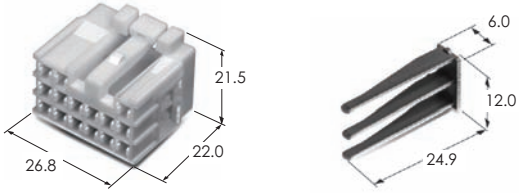
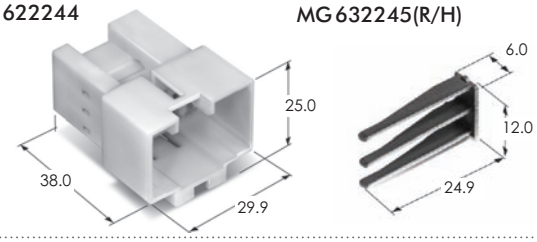
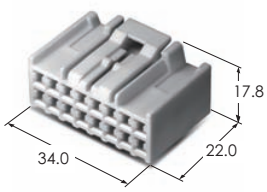
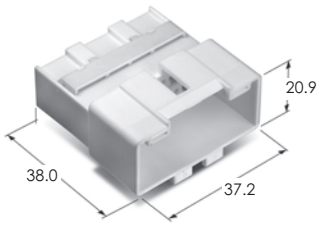
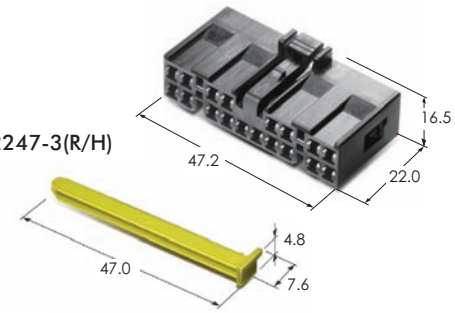
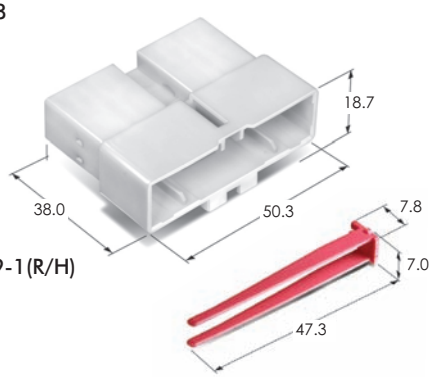
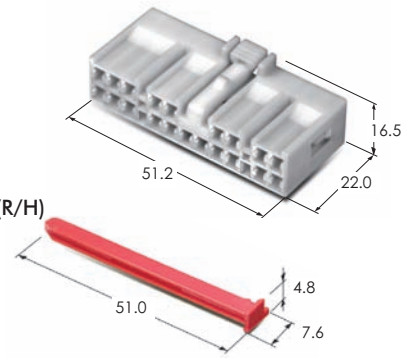
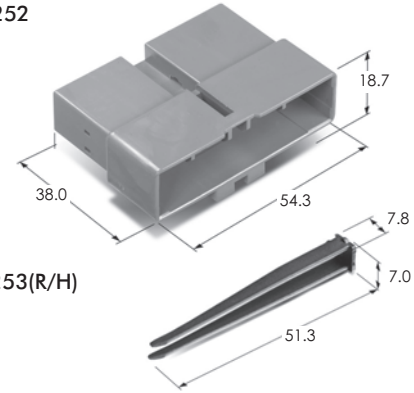
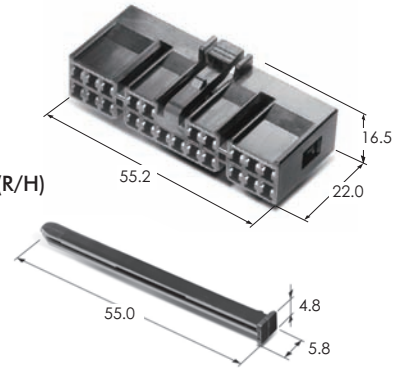
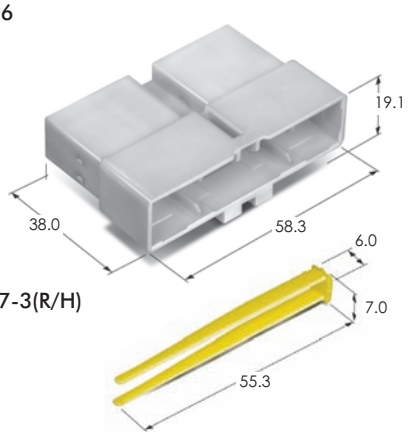
(Automotive Standard Connector)

HOUSING

Poles	Female	Male	Spacer
6	MG612228 	MG622229 	MG632230-1 
	MG613991-6 		
8	MG612231 	MG622232 	MG632233-3 
10	MG612234 	MG622235 	MG632236 
11	MG612237 	MG622238 	MG632239-1 
14	MG612240 	MG622241 	MG632242-3 

ASC CONNECTOR
(Automotive Standard Connector)

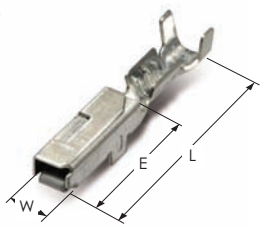
HOUSING

Poles	Female	Male
15	MG612243 MG632245(R/H) 	MG622244 MG632245(R/H) 
16	MG653198 	MG643315 
18	MG612246 MG632247-3(R/H) 	MG622248 MG632249-1(R/H) 
20	MG612250 MG632251-1(R/H) 	MG622252 MG632253(R/H) 
22	MG612254 MG632255(R/H) 	MG622256 MG632257-3(R/H) 

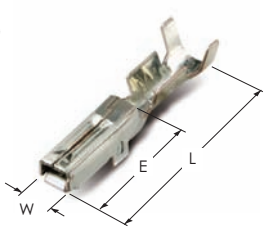
090 DTC CONNECTOR

TERMINAL

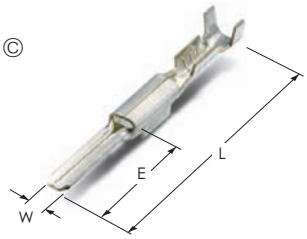
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Ⓑ

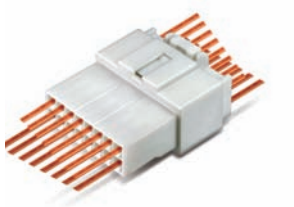


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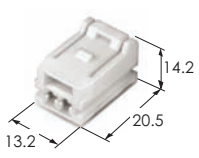
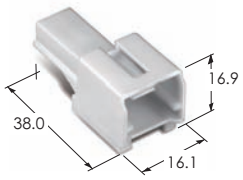


Part No.	Wire Range		Material	Dimension(mm)			Type
	AWG	mm²	Finish	L	E	W	
ST731108-3	24	CHFUS 0.22 AVSS0.22	Brass (Pre-Tin)	18.0	9.0	2.9	Ⓐ
ST731046-3	22-20	AVSS(CAVS) 0.3~0.5	Brass (Pre-Tin)	18.0	9.0	2.9	
ST731047-3	18-16	AVSS(CAVS) 0.85~1.25	Brass (Pre-Tin)	18.0	9.0	2.9	
ST731148-3	24	CHFUS 0.22 AVSS0.22	Copper Alloy (Pre-Tin)	17.2	9.0	2.9	Ⓑ
ST731149-3	22-20	AVS(CAVS) 0.3~0.5	Copper Alloy (Pre-Tin)	18.0	9.0	2.9	
ST731150-3	18-16	AVS(CAVS) 0.85~1.25	Copper Alloy (Pre-Tin)	18.0	9.0	2.9	
ST731151-3	14	AVSS 2.0-2.5	Copper Alloy (Pre-Tin)	18.0	9.0	2.9	
ST741154-3	24	CHFUS 0.22 AVSS0.22	Brass (Pre-Tin)	27.0	10.3	2.3	Ⓒ
ST741155-3	22-20	AVSS(CAVS) 0.3~0.5	Brass (Pre-Tin)	26.7	10.3	2.3	
ST741156-3	18-16	AVSS(CAVS) 0.85~1.25	Brass (Pre-Tin)	26.7	10.3	2.3	
ST741157-3	14	AVS(CAVS) 2.0 AESSXF 2.5	Brass (Pre-Tin)	26.7	10.3	2.3	

- 090 DTC is connector of 090 size designed with emphasis on cost.(Design to Cost)
- IT uses Single Terminal Locking System, but we assure terminal retention performance in a class with Double Terminal Locking System
- It's maximized emotional quality with consideration as to work in vehicle assembly line.

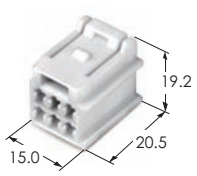
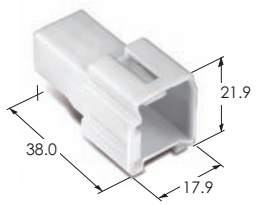
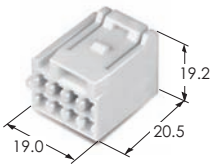
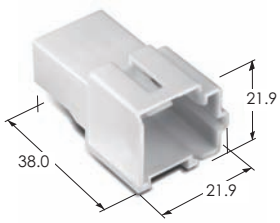
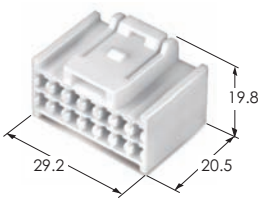
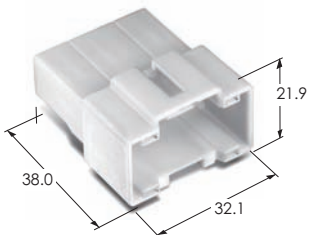
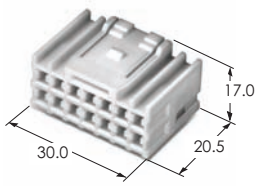
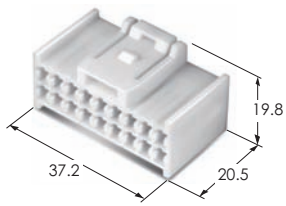
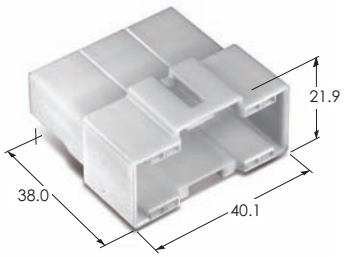
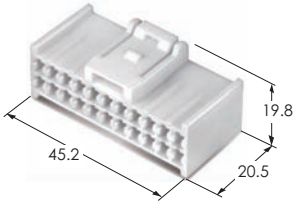
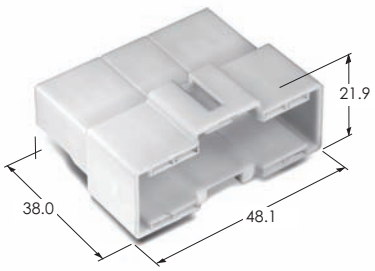


HOUSING

Poles	Female	Male
2	MG614323 	MG624324 

090 DTC CONNECTOR

HOUSING

Poles	Female	Male
6	MG614327 	MG624328 
8	MG614329 	MG624330 
14	MG614335 	MG624336 
	MG654021 	
18	MG613936 	MG623937 
22	MG614343 	MG624344 

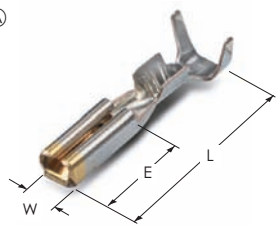
090 WP CONNECTOR

- Small-size waterproof connector designed for mid and low voltage parts in an automobile.
- Suitable for joint devices where waterproof is needed such as Thermo Sensor and Washer Motor.
- Improved waterproof function with the individual Waterproof Seal.
- Accommodates In-Line application in narrow space inside an automobile.



TERMINAL

Ⓐ



Part No.	Wire Range		Material	Dimension(mm)			Type
	AWG	mm²	Finish	L	E	W	
ST730502-3	22-18	AVS 0.3, 0.5, CAVS 0.85	Copper Alloy(Pre-Tin)	17.2	7.0	3.0	Ⓐ
ST730502-G			Copper Alloy(Au)				
ST730554-3	16-14	AVSS 1.25, AVSS 2.0	Copper Alloy (Pre-Tin)	17.2	7.0	3.0	
ST730431-3	20	AVSS 0.5	Brass (Pre-Tin)	17.2	7.0	3.0	

WIRE SEAL

Part No.	Wire Range mm²	Material	Color	Dimension(mm)		Type
				L	E	
MG682507	AVSS 0.3	Silicone	Blue	5.8	Ø5.7	W/P
MG680952	AVSS 0.5	Silicone	Red	5.8	Ø5.7	W/P
MG680604	AVSS 0.85~1.25 CAVS 0.85	Silicone	Black	5.8	Ø5.7	W/P
MG680749	AVS 1.25 AVSS 2.0	Silicone	Green	5.8	Ø5.7	W/P
MG681117	AVSS 0.3-0.5	Silicone	Red	5.8	Ø4.8	T/S
MG680494	AVSS 0.85~1.25	Silicone	Blue	5.8	Ø4.8	T/S
MG681118	AVSS 2.0	Silicone	Black	5.8	Ø4.8	T/S

Ⓑ

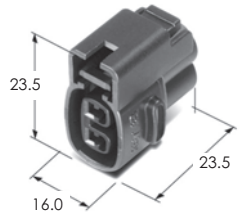
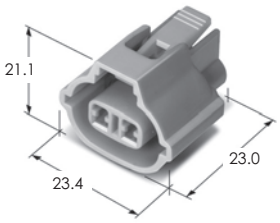
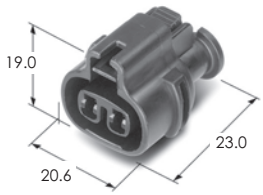
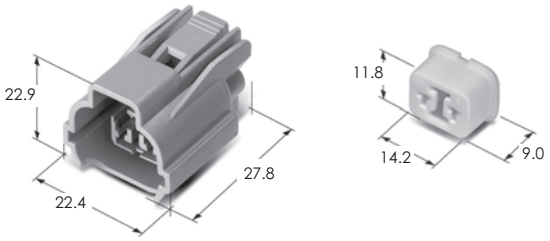
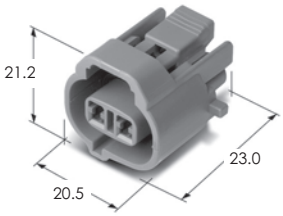
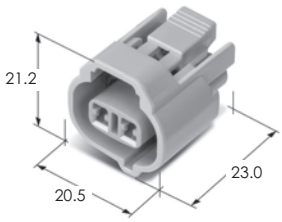


SPECIFICATIONS

Current Rating	10A
Temperature Range	-40 ~ 125℃
Contact Resistance	3mΩ Max(Initial)
Insulation Resistance	DC 500V 100MΩ Min
Wire Size	0.3 ~ 2.0mm²
Housing	P.B.T

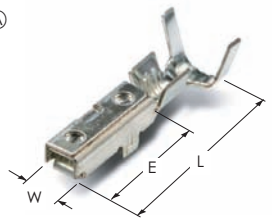
090 WP CONNECTOR

HOUSING

Poles	Female	
2	MG640605 	MG640864 
	MG640795 	MG641156-4 MG631157 
	MG640849-4 	MG641719-7 

090 WP CONNECTOR

Ⓐ



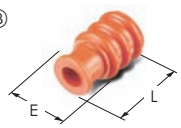
TERMINAL

Part No.	Wire Range		Material	Dimension(mm)			Type
	AWG	mm²	Finish	L	E	W	
ST730689-3	22-20	AVSS 0.3-0.5	Copper Alloy (Pre-Tin)	16.9	9.0	2.9	Ⓐ
ST730689-S	22-20		Copper Alloy (Ag)	16.9	9.0	2.9	
ST730689-G	22-20		Copper Alloy (Au)	16.9	9.0	2.9	
ST730732-3	18-16	AVSS(CAVS) 0.85-1.25	Copper Alloy (Pre-Tin)	16.9	9.0	2.9	
ST730732-S	18-16		Copper Alloy (Ag)	16.9	9.0	2.9	
ST730739-3	16	AEXF 1.25	Copper Alloy (Pre-Tin)	16.9	9.0	2.9	

WIRE SEAL

Part No.	Wire Range mm²	Material	Color	Dimension(mm) L	Dimension(mm) E	Type
MG680274	AEXF 0.85, AVSS 1.25	Silicone	Red	7.5	Ø4.8	Ⓑ
MG680275	AEXF 1.25, AVSS 2.0	Silicone	Green	7.5	Ø4.8	
MG683935	AVSS 0.3~0.5	Silicone	Orange	7.5	Ø4.8	
MG683695	Dummy Seal	Silicone	Black	6.2	Ø4.9	Ⓒ

Ⓑ







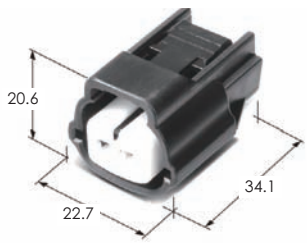
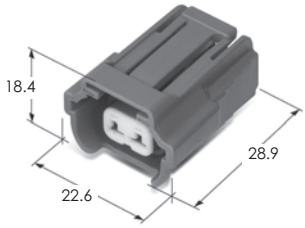
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SPECIFICATIONS

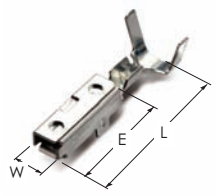
Current Rating	10A
Temperature Range	-40 ~ 125℃
Contact Resistance	3mΩ Max(Initial)
Insulation Resistance	DC 500V 100MΩ Min
Wire Size	0.3 ~ 2.0mm²
Housing	P.B.T

HORN / INJECTOR HOUSING

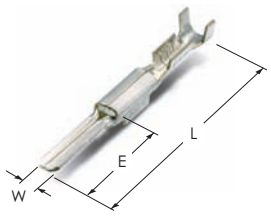
Poles	Female	
	MG642267(HORN)	MG641152-4(INJECTOR)
2		

09011 WP CONNECTOR

Ⓐ



Ⓑ



TERMINAL

Part No.	Wire Range		Material	Dimension(mm)			Type
	AWG	mm²	Finish	L	E	W	
ST730623-3	22~20	AVS(CAVS) 0.3, 0.5	Copper Alloy(Pre-Tin)	16.9	9.0	2.9	Ⓐ
ST730623-G			Copper Alloy(Au)				
ST730623-S			Copper Alloy(Ag)				
ST730624-3	18-16	AVS(CAVS) 0.85-1.25	Copper Alloy(Pre-Tin)	16.9	9.0	2.9	
ST730624-G			Copper Alloy(Au)				
ST730624-S			Copper Alloy(Ag)				
ST730625-3	14	AVSS 2.0	Copper Alloy(Pre-Tin)	16.9	9.0	2.9	
ST730625-G			Copper Alloy(Au)				
ST730625-S			Copper Alloy(Ag)				
ST731419-3	22	AVSS, CAVS, AESSXF 0.3	Copper Alloy(Pre-Tin)	16.9	9.0	2.9	
ST731419-G			Copper Alloy(Au)				
ST731419-S			Copper Alloy(Ag)				
ST731105-3	24	CHFUS 0.22 AVSS 0.22	Copper Alloy(Pre-Tin)	16.9	9.0	2.9	
ST740686-3	22-20	AVS(CAVS) 0.3~0.5	Brass(Pre-Tin)	25.9	10.3	2.3	Ⓑ
ST740686-G			Brass(Au)				
ST740687-3	18-16	AVS(CAVS) 0.85~1.25	Brass(Pre-Tin)	25.9	10.3	2.3	
ST740688-3	14	AVSS 2.0	Brass(Pre-Tin)	25.9	10.3	2.3	

▶09011 SEALED CONNECTOR

Improved design from 090 size sealed connector for higher reliability.
The blade width of male terminal for this connector is 0.090 inches.(Distinctive features)

1.Double locking system eliminates terminal push-out. (Housing Lance, Side Lock).

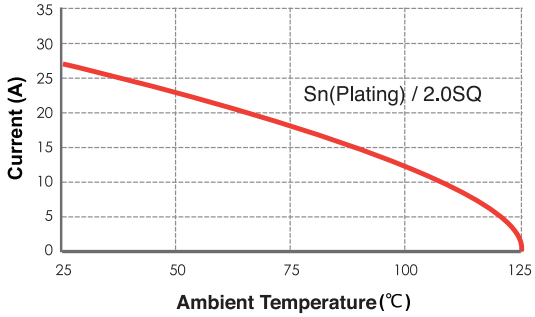
2.Connector cannot be mated if preset terminal spacer is not in full-lock position.



SPECIFICATIONS

● Current Rating	10A
● Temperature Range	-40 ~ 125℃
● Contact Resistance	3mΩ Max(Initial)
● Insulation Resistance	DC 500V 100MΩ Min
● Wire Size	0.3 ~ 2.0mm²
● Housing	P.B.T

DERATING CURVE



09011 WP CONNECTOR



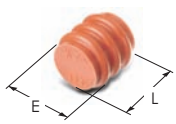
WIRE SEAL

Part No.	Wire Range mm²	Material	Color	Dimension(mm) L	Dimension(mm) ∈	Type
MG681114	AVSS 0.3~0.5	Silicone	Blue	6.80	Ø5.8	
MG681115	AVSS 0.85~1.25	Silicone	Red	6.80	Ø5.8	
MG681116	AVSS 2.0	Silicone	Green	6.80	Ø5.8	Ⓐ
MG681119	AVSS 1.25 AEXF 0.85	Silicone	Black	6.80	Ø5.8	
MG682841	AVSS 1.25 AEXF 0.85	H-NBR	Gray	6.80	Ø5.8	
MG681159	Dummy Seal	Silicone	Red	6.20	Ø5.9	Ⓑ

Ⓐ

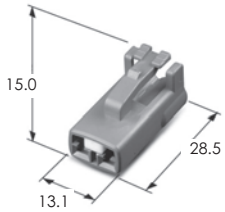


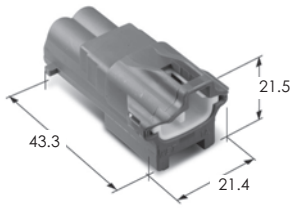
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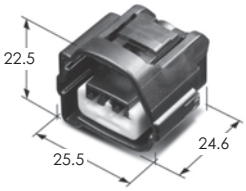
HOUSING

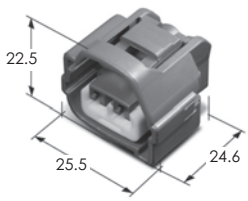
Poles	Female	Male
	MG651092	MG641221

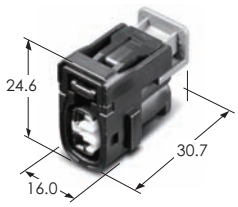


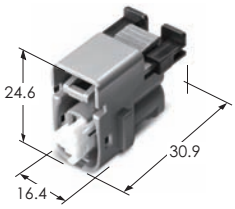


Poles	Female			
2	MG641637(RH)	MG641789-4(LH)	MG642273(T/L, HPA)	MG643477(T/L)

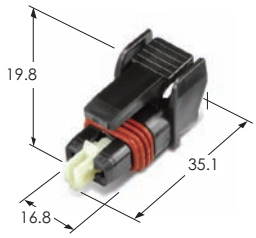


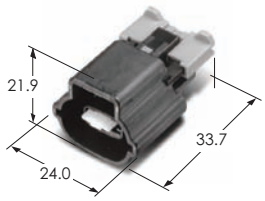


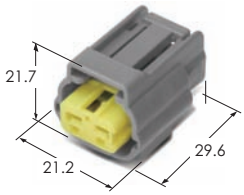




MG653494	MG643753	MG641494-4

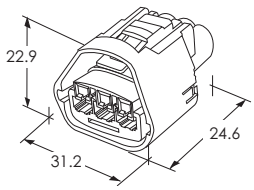
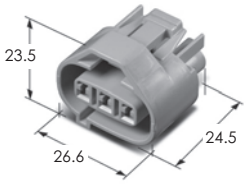
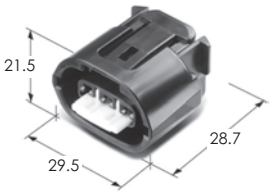
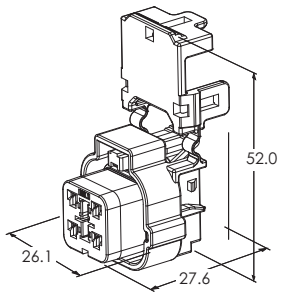
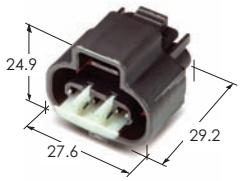
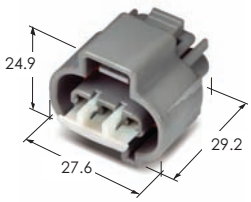
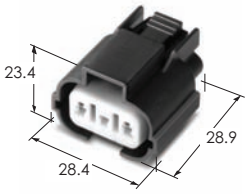


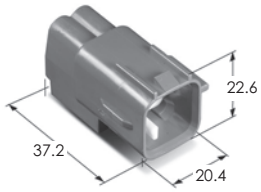
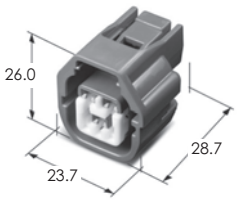
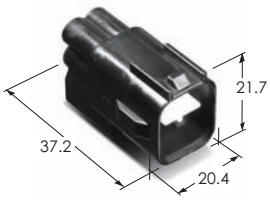
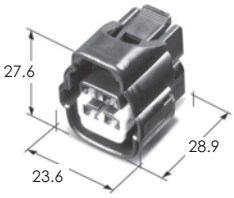
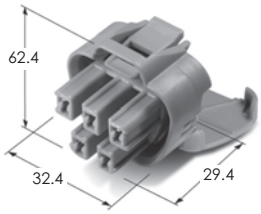
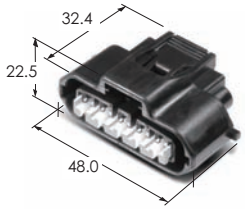
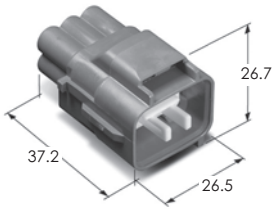
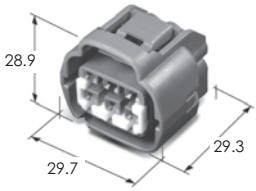




090II WP CONNECTOR

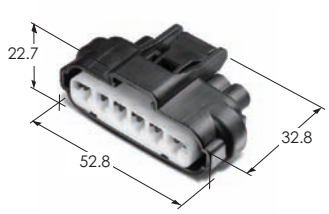
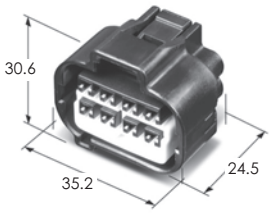
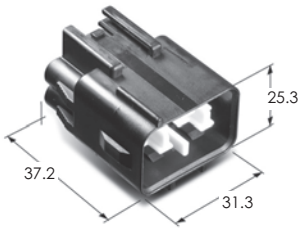
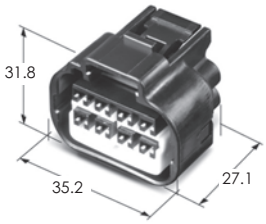
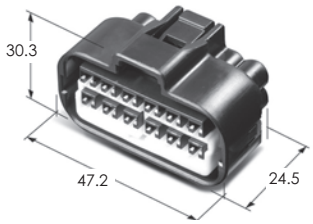
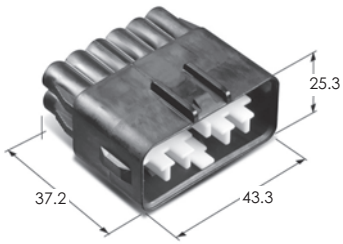
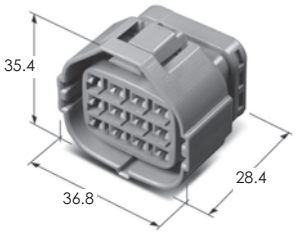
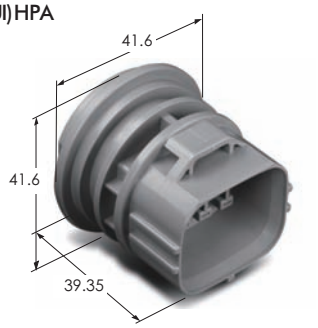
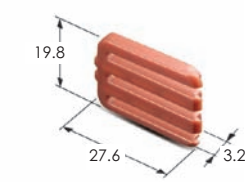
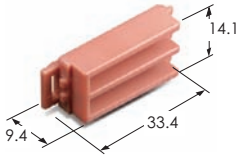
HOUSING

Poles	Female				
3	MG641641 	MG642009 	MG643302 	4	MG645519-4 
	MG644453 	MG644554-4 	MG645485 		

	Male	Female
	MG651359 	MG641362 
4	MG651098 	MG641101 
5		MG641521-4  MG640945 
6	MG651104 	MG641107 

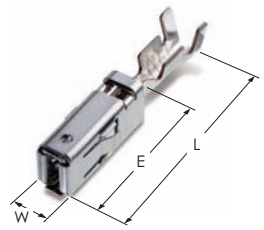
09011 WP CONNECTOR

HOUSING

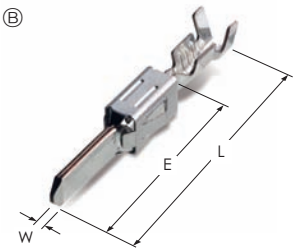
Poles	Female	Male
6	MG 643796 	
8	MG 641310 	MG 651308 
	MG 642357 	
12	MG 641340 	MG 651343 
	MG 642840-41 (EUI) 	MG 612836-41 (EUI) HPA 
	MG 632839-7 	MG 632837-7  Suitable Terminal: **ST740630-3, ST741190-3**

N110 CONNECTOR

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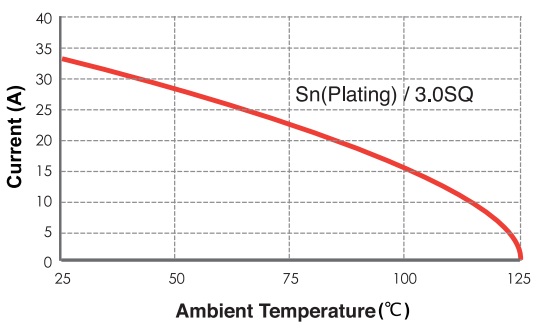
TERMINAL

Part No.	Wire Range		Material	Dimension(mm)			Type
	AWG	mm²	Finish	L	E	W	
ST731426-3	24-22	CHFUS0.22, AESSXF0.22, AVSS0.3, AESSXF0.3, CIVUS0.35, FLRY-A0.35	Copper Alloy (Pre-Tin)	23.65	10.5	3.1	Ⓐ
ST731482-3	19	FLALUY 0.75	Copper Alloy (Pre-Tin)	23.65	10.5	3.1	
ST731425-3	20-17	AVSS0.5, FLRY-A0.5, AESSXF0.75, FLRY-A0.75, AVSS0.85, FLRY-A1.0	Copper Alloy (Pre-Tin)	23.65	10.5	3.1	
ST731495-3	16	FLALUY 1.25	Copper Alloy (Pre-Tin)	23.65	10.5	3.1	
ST731483-3	14	FLALRY 2.0	Copper Alloy (Pre-Tin)	23.65	10.5	3.1	
ST731424-3	16-13	AVSS1.25, AESSXF1.25, FLRY-A1.5, AVSS2.0, AESSXF2.0, FLRY-A2.0, AESSXF2.5, FLRY-A2.5, AVSS0.85×0.85	Copper Alloy (Pre-Tin)	23.65	10.5	3.1	
ST731423-3	12-11	AVS3.0, FLRY-B4.0	Copper Alloy (Pre-Tin)	27.45	10.5	3.1	
ST731423-4	11	FHLR2GCB2G4.0	Copper Alloy (Ag)	27.45	10.5	3.1	
ST741369-3	24-22	CHFUS0.22, AESSXF0.22, AVSS0.3, AESSXF0.3, CIVUS0.35, FLRY-A0.35	Copper Alloy (Pre-Tin)	28.75	15.5	2.8	Ⓑ
ST741409-3	19	FLALUY 0.75	Copper Alloy (Pre-Tin)	28.75	15.5	2.8	
ST741368-3	20-17	AVSS0.5, FLRY-A0.5, AESSXF0.75, FLRY-A0.75, AVSS0.85, FLRY-A1.0	Copper Alloy (Pre-Tin)	28.75	15.5	2.8	
ST741419-3	16	FLALUY 1.25	Copper Alloy (Pre-Tin)	28.75	15.5	2.8	
ST741410-3	14	FLALRY 2.0	Copper Alloy (Pre-Tin)	28.75	15.5	2.8	
ST741367-3	16-13	AVSS1.25, AESSXF1.25, FLRY-A1.5, AVSS2.0, AESSXF2.0, FLRY-A2.0, AESSXF2.5, FLRY-A2.5, AVSS0.85×0.85	Copper Alloy (Pre-Tin)	28.75	15.5	2.8	
ST741404-3	12-11	AVS3.0, FLRY-B4.0	Copper Alloy (Pre-Tin)	32.95	15.5	2.8	
ST741404-4	11	FHLR2GCB2G4.0	Copper Alloy (Ag)	32.95	15.5	2.8	

SPECIFICATIONS

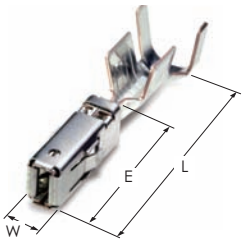
Current Rating	15A
Temperature Range	-40 ~ 85℃
Contact Resistance	3mΩ Max(Initial)
Insulation Resistance	DC 500V 100MΩ Min
Wire Size	0.22 ~ 4.0mm²
Housing	P.B.T

DERATING CURVE

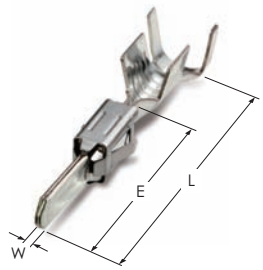


N110 WP CONNECTOR

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TERMINAL

Part No.	Wire Range AWG	Wire Range mm²	Material Finish	Dimension(mm) L	Dimension(mm) ∈	Dimension(mm) W	Type
ST731472-3	12-11	AEXF3.0, FLR2X-B4.0	Copper Alloy (Pre-Tin)	21.0	10.5	3.1	Ⓐ
ST731456-3	14-16	AEXF2.0, AESSXF2.0 AESSXF2.5, FLR2X-B2.5	Copper Alloy (Pre-Tin)	23.0	10.5	3.1	Ⓐ
ST741403-3	12-11	AEXF3.0, FLR2X-B4.0	Copper Alloy (Pre-Tin)	26.8	15.5	2.8	Ⓑ
ST741396-3	14-16	AEXF2.0, AESSXF2.0 AESSXF2.5, FLR2X-B2.5	Copper Alloy (Pre-Tin)	28.5	15.5	2.8	Ⓑ

WIRE SEAL

Part No.	Wire Range mm²	Material	Color	Dimension(mm) L	Dimension(mm) ∈	Type
MG685549	AEXF2.0, FLR2X-B2.5	Silicone	Blue	7.8	Ø6.9	Ⓐ
MG685541	AEXF3.0, FLR2X-B4.0	Silicone	Gray	9.5	Ø6.9	Ⓑ
MG685542	DUMMY SEAL	Silicone	Orange	7.8	Ø7.3	Ⓒ

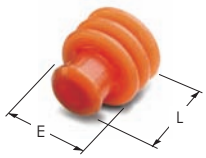
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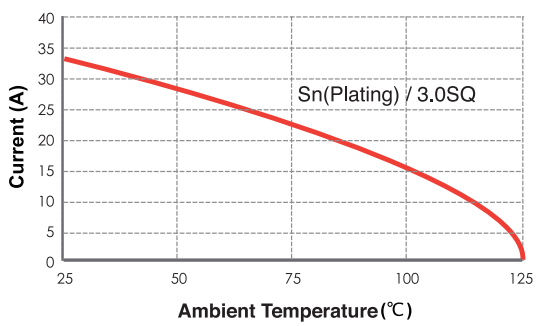
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SPECIFICATIONS

Current Rating	15A
Temperature Range	-40 ~ 125℃
Contact Resistance	3mΩ Max(Initial)
Insulation Resistance	DC 500V 100MΩ Min
Wire Size	2.0 ~ 4.0mm²
Housing	P.B.T

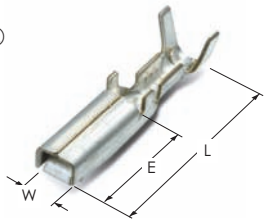
DERATING CURVE



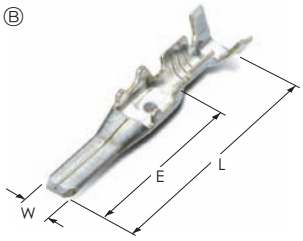
KET ENGINEERED

110(58T) CONNECTOR

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TERMINAL

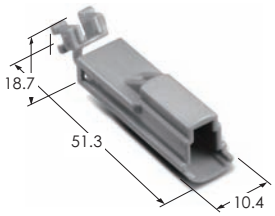
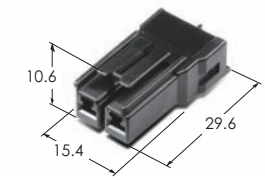
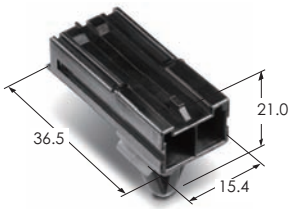
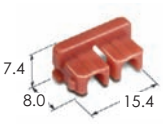
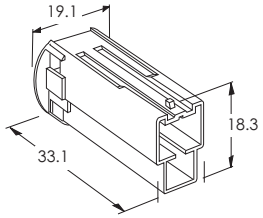
Part No.	Wire Range		Material	Dimension(mm)			Type
	AWG	mm²	Finish	L	E	W	
ST730698-3	22-20	AVSS 0.3~0.5	Brass(Pre-Tin)	20.1	9.5	4.0	Ⓐ
ST730699-3	18-14	AVSS 0.85~2.0	Brass(Pre-Tin)	20.1	9.5	4.0	
ST740700-3	22-20	AVSS 0.3~0.5	Brass(Pre-Tin)	22.6	9.9	2.8	Ⓑ
ST740701-3	18-14	AVSS 0.85~2.0	Brass(Pre-Tin)	22.6	9.9	2.8	

▶The blade width of male terminal for this connector is 0.110 inch.
(Distinctive Features)
1. Double locking system eliminates terminal push-out.(Housing lance, Rear holder).
2. Stable/secure mating action between male and female connector.

SPECIFICATIONS

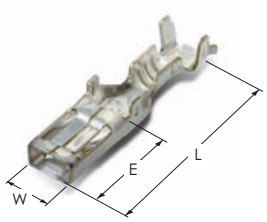
● Current Rating	10A
● Temperature Range	-40 ~ 85℃
● Contact Resistance	3mΩ Max(Initial)
● Insulation Resistance	DC 500V 100MΩ Min
● Wire Size	0.3 ~ 2.0mm²
● Housing	P.B.T

HOUSING

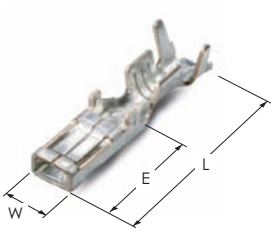
Poles	Female	Male	Rear Holder
1		MG621384-7 	
2	MG611251 	MG621843 	MG631253-7 
3		MG621255 	

110 D/L CONNECTOR

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- Housing Locking Terminal
- The connects accept wire size 0.3~2.0mm^2 with insulation up to 3.4mm

IIO D/L TERMINAL

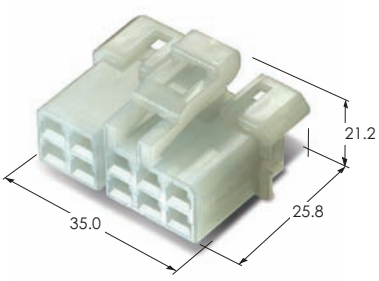
Part No.	Wire Range		Material	Dimension(mm)			Type
	AWG	mm^2	Finish	L	E	W	
ST730316-3	22-18	AVSS 0.3~0.85	Brass(Pre-Tin)	18.4	7.0	4.4	Ⓐ
ST730364-3	16-14	AVSS 1.25~2.0	Brass(Pre-Tin)	18.4	7.0	4.4	
ST730705-3	22-18	AVSS 0.3~0.85	Brass(Pre-Tin)	18.4	7.0	4.4	Ⓑ
ST730706-3	16-14	AVSS 1.25~2.0	Brass(Pre-Tin)	18.4	7.0	4.4	

SPECIFICATIONS

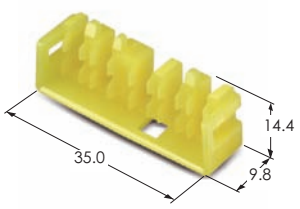
Current Rating	10A
Temperature Range	-40 ~ 85℃
Contact Resistance	3mΩ Max(Initial)
Insulation Resistance	DC 500V 100MΩ Min
Wire Size	0.3 ~ 2.0mm^2
Housing	PA66

IIO D/L HOUSING

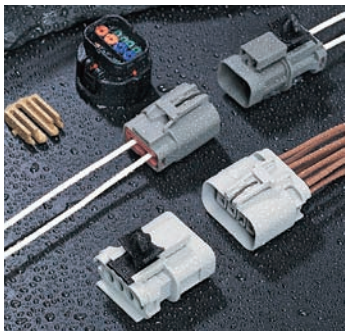
MG630123 (10P)



MG630124-3 (R/H)

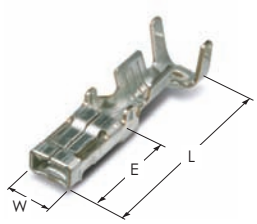


110 WP(58W) CONNECTOR

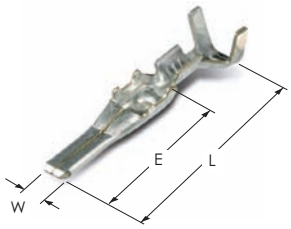


- Waterproof connector designed for high voltage application in an automobile.
- Suitable for Radiator Motor, ABS Relay, Modulator, etc.
- Double Locking system with Rear Holder.
- Intertidal locking mode ensures complete locking by using the inertia developed from jointing connectors.
- Significant improvement in waterproof function with Individual Wire Seal.
- Small size, waterproof, high density connector designed for the electronic devices equipped in an automobile.
- High density and remarkable reliability with 3mm pitch.

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TERMINAL

Part No.	Wire Range AWG	Wire Range mm²	Material Finish	Dimension(mm) L	Dimension(mm) ∈	Dimension(mm) W	Type
ST730524-3	22-18	AVSS 0.3~0.85	Copper Alloy (Pre-Tin)	19.0	6.7	4.4	Ⓐ
ST730525-3	16-14	AVSS 1.25~2.0	Copper Alloy (Pre-Tin)	19.0	6.7	4.4	
ST740530-3	22-18	AVSS 0.3~0.85	Brass (Pre-Tin)	23.85	14.4	2.8	Ⓑ
ST740531-3	16-14	AVSS 1.25~2.0	Brass (Pre-Tin)	23.85	14.4	2.8	

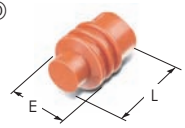
WIRE SEAL

Part No.	Wire Range mm²	Material	Color	Dimension(mm) L	Dimension(mm) ∈	Type
MG680470	AV 0.5, AVS 0.85, AVSS 0.85~1.25, CAVS 1.25	Silicone	Red	7.4	Ø6.5	Ⓒ
MG685028	AV 0.5, AVS 0.85, AVSS 0.85~1.25, CAVS 1.25	Silicone	Grey	7.4	Ø6.5	
MG680564	AVS 1.25~2.0, AVSS 2.0 AVX 1.25-2.0	Silicone	Blue	7.4	Ø6.5	
MG680522	AVS 0.3, AVSS 0.5	Silicone	Green	7.4	Ø6.5	
MG685027	AVS 0.3, AVSS 0.5	Silicone	Blue	7.4	Ø6.5	
MG685197	AVSS 0.3, AEXF 0.3	Silicone	Black	7.4	Ø6.5	
MG680905	Dummy Seal	Silicone	Red	10.0	Ø7.0	Ⓓ

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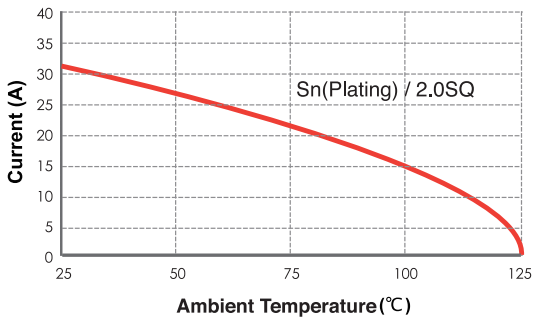
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SPECIFICATIONS

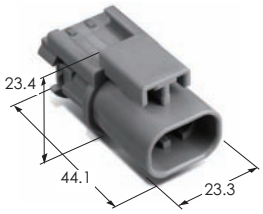
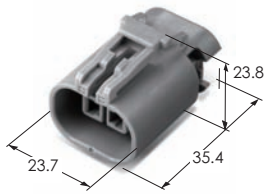
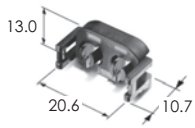
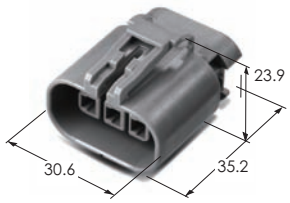
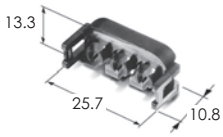
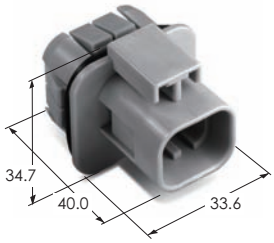
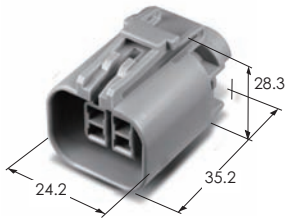
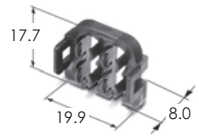
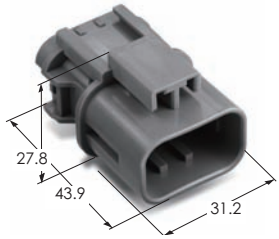
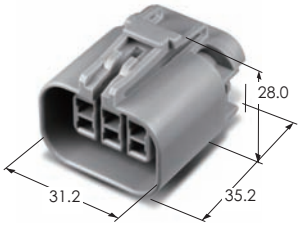
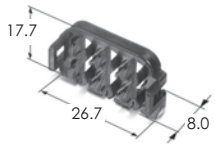
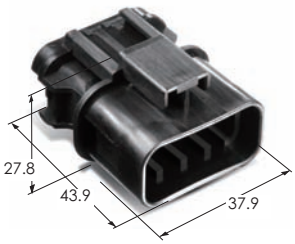
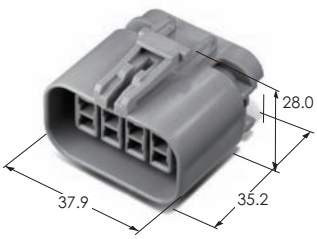
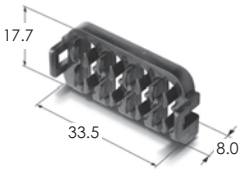
Current Rating	15A
Temperature Range	-40 ~ 125℃
Contact Resistance	3mΩ Max(Initial)
Insulation Resistance	DC 500V 100MΩ Min
Wire Size	0.3 ~ 2.0mm²
Housing	PA66

DERATING CURVE



110 WP(58W) CONNECTOR

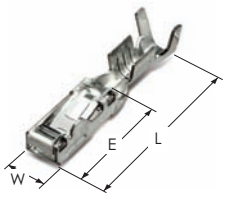
HOUSING

Poles	Male	Female	Rear Holder
2	MG610499-4 	MG640501-4 	MG630505 
3		MG641263-4 	MG630508 
4	MG651018-4 	MG640511-4 	MG630512 
6	MG610513-4 	MG640515-4 	MG630516 
8	MG610517-4 	MG640519-4 	MG630520 

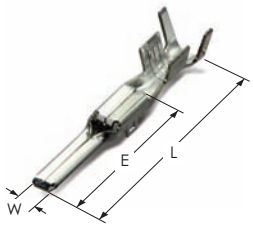
110(280) CONNECTOR

TERMINAL

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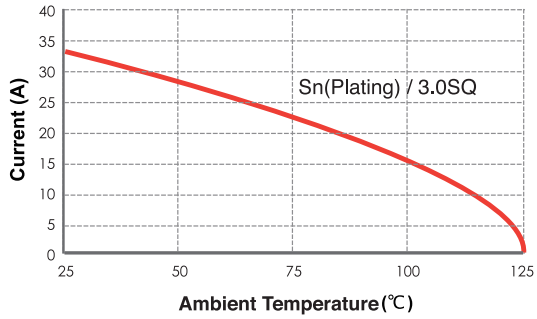


Part No.	Wire Range		Material	Dimension(mm)			Type
	AWG	mm²	Finish	L	E	W	
ST731279-3	22-20	AVSS 0.3-0.5	Copper Alloy(Pre-Tin)	19.3	9.5	4.0	
ST731465-3	22-20	CIVUS 0.35, CIVUS 0.5	Copper Alloy(Pre-Tin)	19.3	9.5	4.0	
ST731481-3	19	FLALUY 0.75	Copper Alloy(Pre-Tin)	19.3	9.5	4.0	
ST731480-3	16	FLALUY 1.25	Copper Alloy(Pre-Tin)	19.3	9.5	4.0	Ⓐ
ST731494-3	14	FLALRY 2.0	Copper Alloy(Pre-Tin)	19.3	9.5	4.0	
ST731280-3	18-16	AVSS 0.85~1.25	Copper Alloy(Pre-Tin)	19.3	9.5	4.0	
ST731281-3	14-12	AVSS 2.0, AVS 3.0	Copper Alloy(Pre-Tin)	19.3	9.5	4.0	
ST741398-3	22-20	CIVUS 0.35, CIVUS 0.5	Brass(Pre-Tin)	27.3	17.5	3.8	
ST741285-3	22-20	AVSS 0.3-0.5	Brass(Pre-Tin)	27.3	17.5	3.8	
ST741408-3	19	FLALUY 0.75	Brass(Pre-Tin)	27.3	17.5	3.8	
ST741407-3	16	FLALUY 1.25	Brass(Pre-Tin)	27.3	17.5	3.8	Ⓑ
ST741418-3	14	FLALRY 2.0	Brass(Pre-Tin)	27.3	17.5	3.8	
ST741286-3	18-16	AVSS 0.85~1.25	Brass(Pre-Tin)	27.3	17.5	3.8	
ST741287-3	14-12	AVSS 2.0, AVSS 3.0	Brass(Pre-Tin)	27.3	17.5	3.8	
ST741373-3	11	FLR2X-B 4.0	Brass(Pre-Tin)	27.3	17.5	3.8	

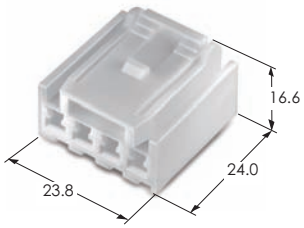
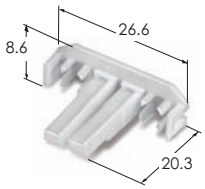
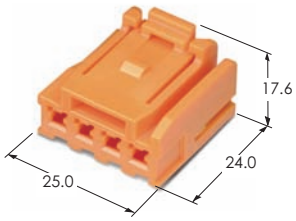
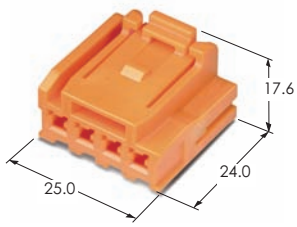
SPECIFICATIONS

Current Rating	15A
Temperature Range	-40 ~ 85℃
Contact Resistance	3mΩ Max(Initial)
Insulation Resistance	DC 500V 100MΩ Min
Wire Size	0.3 ~ 3.0mm²
Housing	P.B.T

DERATING CURVE



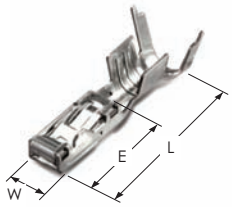
HOUSING

Poles	Female	Rear Holder
4	MG615171(Single Lock) 	MG635785 
	MG655779-11(B)(Double Lock) 	MG655786-11(C)(Double Lock) 

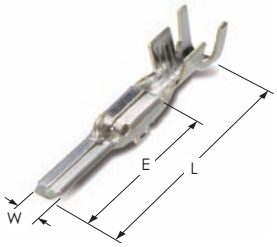
110(280) WP CONNECTOR

- The blade width of male terminal for this connector is 2.80mm
- Double locking system eliminates terminal push-out (Housing lance, Rear holder)
- Stable/secure mating action between male and female connector
- Waterproof connector designed for high voltage application in automobile
- Significant improvement in waterproof function with use of individual wire seal

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TERMINAL

Part No.	Wire Range AWG	Wire Range mm²	Material Finish	Dimension(mm) L	Dimension(mm) E	Dimension(mm) W	Type
ST731153-3	20-18	AEXF 0.5~0.85 AESSXF 0.5~0.75	Copper Alloy (Pre-Tin)	19.3	9.5	4.0	Ⓐ
ST731152-3	16-14	AEXF 1.25, AESSXF 1.25~2.0	Copper Alloy (Pre-Tin)	19.3	9.5	4.0	
ST731282-3	14-12	AEXF2.0, AESSXF2.5, AEXF3.0	Copper Alloy (Pre-Tin)	20.0	9.5	4.0	
ST741288-3	20	AEXF 0.5 AESSXF 0.5	Brass (Pre-Tin)	27.6	17.5	2.8	Ⓑ
ST741289-3	19-16	AEXF 0.85~1.25 AESSXF 0.75~1.25	Brass (Pre-Tin)	27.6	17.5	2.8	
ST741290-3	14-13	AEXF 2.0, AESSXF 2.0 AESSXF 2.5	Brass (Pre-Tin)	27.6	17.5	2.8	
ST741420-3	12	AEXF3.0	Brass (Pre-Tin)	27.6	17.5	2.8	

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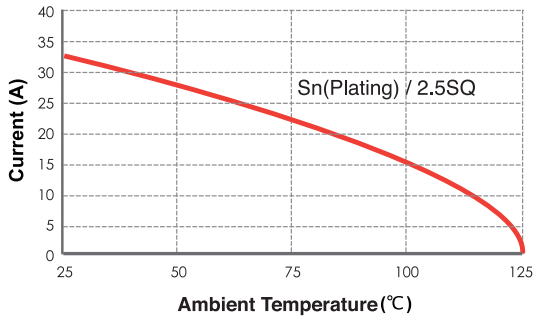
WIRE SEAL

Part No.	Wire Range mm²	Material	Color	Dimension(mm) L	Dimension(mm) E	Type
MG685197	AESSXF 0.5	Silicone	Black	7.4	Ø6.5	Ⓒ
MG680522	AEXF 0.5, AESSXF 0.75	Silicone	Green	7.4	Ø6.5	
MG680470	AEXF 0.85, AESSXF 1.25	Silicone	Red	7.4	Ø6.5	
MG680564	AEXF 1.25, AESSXF 2.0	Silicone	Blue	7.4	Ø6.5	
MG685484	AEXF 2.0, AESSXF 2.5	Silicone	Gray	7.4	Ø6.5	
MG685227	AEXF 3.0	Silicone	Yellow	7.4	Ø6.5	

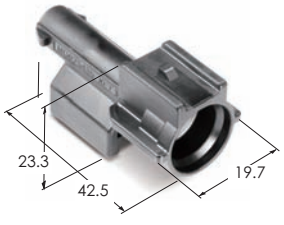
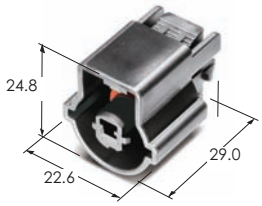
SPECIFICATIONS

Current Rating	15A
Temperature Range	-40 ~ 125℃
Contact Resistance	3mΩ Max(Initial)
Insulation Resistance	DC 500V 100MΩ Min
Wire Size	0.5 ~ 2.5mm²
Housing	P.B.T

DERATING CURVE



HOUSING

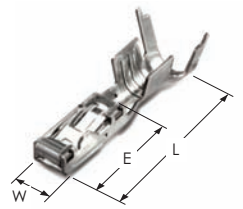
Poles	Male	Female	Rear Holder
1	MG625435  Suitable Wire seal: MG680470, MG680564	MG655698 	MG635627 

110(280) WP CONNECTOR

- The blade width of male terminal for this connector is 2.80mm
- Double locking system eliminates terminal push-out (Housing lance, Rear holder)
- Stable/secure mating action between male and female connector
- Waterproof connector designed for high voltage application in automobile
- Significant improvement in waterproof function with use of individual wire seal

TERMINAL

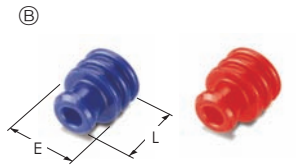
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Part No.	Wire Range		Material	Dimension(mm)			Type
	AWG	mm²	Finish	L	E	W	
ST731152-3	16-14	AEXF 1.25~2.0 AVSSXF 2.0~2.5	Copper Alloy (Pre-Tin)	19.3	9.5	4.0	Ⓐ
ST731153-3	20-18	AEXF 0.5~0.85	Copper Alloy (Pre-Tin)	19.3	9.5	4.0	

WIRE SEAL

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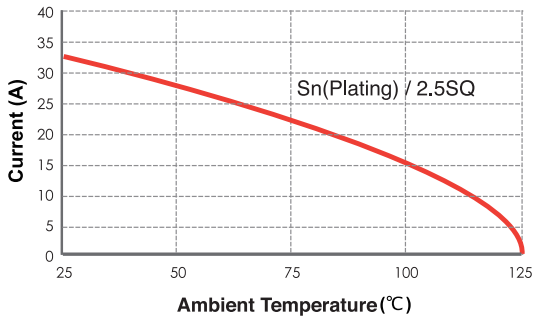


Part No.	Wire Range mm²	Material	Color	Dimension(mm)		Type
				L	E	
MG685400	AEXF 0.5~0.85	Silicone	Blue	7.5	Ø6.1	Ⓑ
MG685401	AEXF 1.25 AESSXF 2.0	Silicone	Red	7.5	Ø6.1	

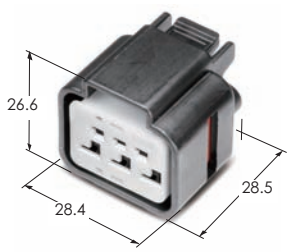
SPECIFICATIONS

Current Rating	15A
Temperature Range	-40 ~ 125℃
Contact Resistance	3mΩ Max(Initial)
Insulation Resistance	DC 500V 100MΩ Min
Wire Size	0.5 ~ 2.5mm²
Housing	P.B.T

DERATING CURVE



HOUSING

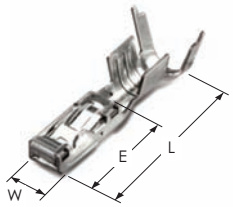
Poles	Male	Female	Rear Holder
6		MG645744  (110 3P+060 3P)	

110(280) WP CONNECTOR

- The blade width of male terminal for this connector is 2.80mm
- Double locking system eliminates terminal push-out (Housing lance, Rear holder)
- Stable/secure mating action between male and female connector
- Waterproof connector designed for high voltage application in automobile
- Significant improvement in waterproof function with use of individual wire seal

TERMINAL

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Part No.	Wire Range		Material	Dimension(mm)			Type
	AWG	mm²	Finish	L	E	W	
ST731152-3	16-14	AEXF 1.25~2.0 AVSSXF 2.0~2.5	Copper Alloy (Pre-Tin)	19.3	9.5	4.0	Ⓐ
ST731153-3	20-18	AEXF 0.5~0.85	Copper Alloy (Pre-Tin)	19.3	9.5	4.0	
ST731282-3	20	AEXF 2.0 AVSSXF 2.5	Brass (Pre-Tin)	20.0	9.5	4.0	

WIRE SEAL

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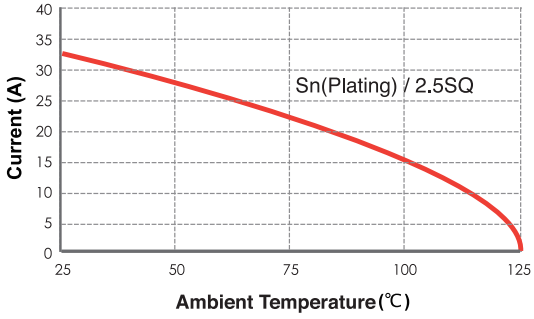


Part No.	Wire Range mm²	Material	Color	Dimension(mm)		Type
				L	E	
MG685197	AESSXF 0.5	Silicone	Black	7.4	Ø6.5	Ⓑ
MG680522	AEXF 0.5, AESSXF 0.75	Silicone	Green	7.4	Ø6.5	
MG680470	AEXF 0.85, AESSXF 1.25	Silicone	Red	7.4	Ø6.5	
MG680564	AEXF 1.25, AESSXF 2.0	Silicone	Blue	7.4	Ø6.5	
MG685484	AEXF 2.0, AESSXF 2.5	Silicone	Gray	7.4	Ø6.5	
MG685227	AEXF 3.0	Silicone	Yellow	7.4	Ø6.5	

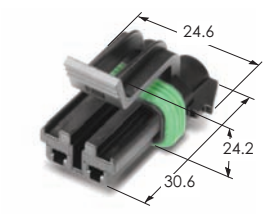
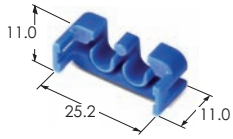
SPECIFICATIONS

Current Rating	15A
Temperature Range	-40 ~ 125℃
Contact Resistance	3mΩ Max(Initial)
Insulation Resistance	DC 500V 100MΩ Min
Wire Size	0.5 ~ 2.5mm²
Housing	P.B.T

DERATING CURVE



HOUSING

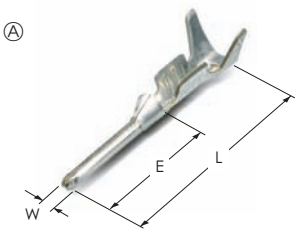
Poles	Female	Rear Holder
2	MG654469  	MG634471-2 

Suitable Wire seal: MG680470, MG680564, MG685484, MG685227

KET ENGINEERED

TLC CONNECTOR

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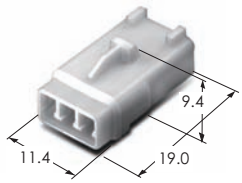
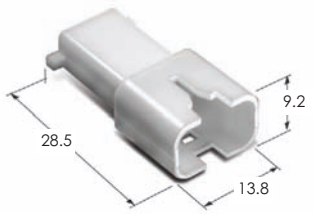
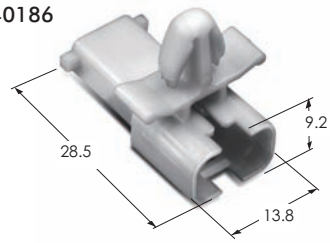
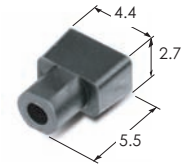
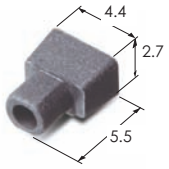
TERMINAL

Part No.	Wire Range		Material	Dimension(mm)			Type
	AWG	mm²	Finish	L	E	W	
ST750402-3	22-20	AVSS 0.3~0.5	Brass (Pre-Tin)	16.5	9.0	1.0	Ⓐ

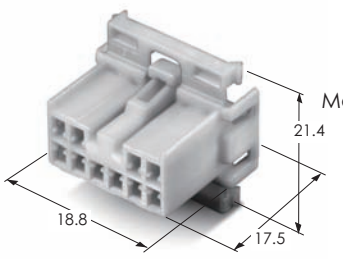
SPECIFICATIONS

Current Rating	3A
Temperature Range	-40 ~ 85℃
Contact Resistance	5mΩ Max(Initial)
Insulation Resistance	DC 500V 100MΩ Min
Wire Size	0.3 ~ 0.5mm²
Housing	P.B.T

∅I.O HOUSING

Poles	Female	Male	Wire Seal
3	MG610088  Suitable Terminal: 7155-1591(YZK)	MG640187  MG640186  	MG680157  MG680538(Dummy Seal) 

∅I.O AE HOUSING

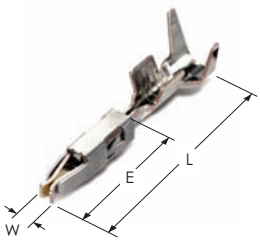
Poles	Female
10	MG610126  Suitable for electronic parts used in automotive appliances.

150 WP CONNECTOR(INJECTOR)

- Waterproof Connector with Tab Size 1.50mm.
- Double locking system eliminates terminal push-out (Housing lance, TPA)
- Stable/secure mating action between male and female connector

TERMINAL

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Part No.	Wire Range		Material	Dimension(mm)			Type
	AWG	mm^2	Finish	L	∈	W	
ST731168-G	17	C3ZH 1.0	Copper-Alloy (Au)	19.2	9.4	2.15	

WIRE SEAL

Part No.	Wire Range	Material	Color	Dimension(mm)		Type
	mm^2			L	∈	
MG684683	C3ZH 1.0	Silicone	Green	7.5	Ø4.3	

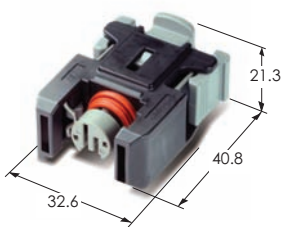


SPECIFICATIONS

Current Rating	10A
Temperature Range	-40 ~ 125℃
Contact Resistance	3mΩ Max(Initial)
Insulation Resistance	DC 500V 100MΩ Min
Wire Size	1.0mm^2
Housing	P.B.T

HOUSING

Poles	Female
2	MG644638



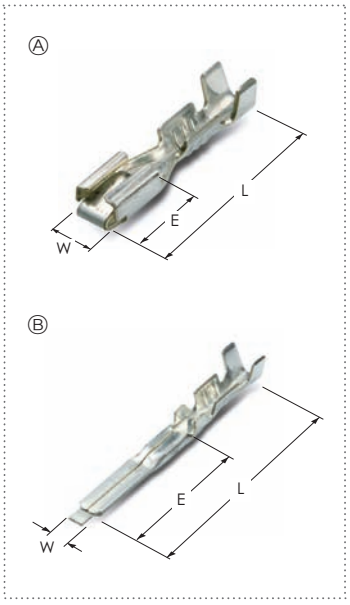


118(PA) CONNECTOR



WITH LANCE HOUSING LOCKING TERMINAL

- Specially designed for circuits in low voltage applications. These connectors are suitable for miniaturization, high density and reliability.
- Easy insertion and extraction permit easy matching and unmatching of connector assemblies.
- These connectors consist of Plug Housing and Receptacle Housing for multiple-pole connection.
- Designed to prevent false-connection and to maintain stable connection under vibration and extreme environmental conditions.



TERMINAL

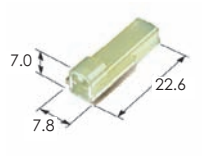
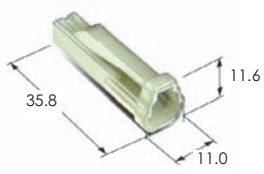
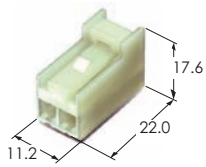
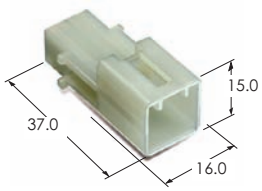
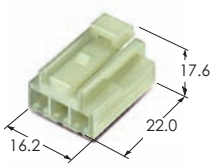
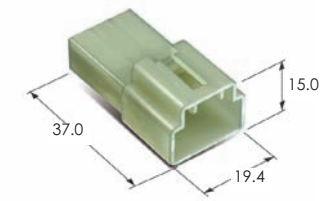
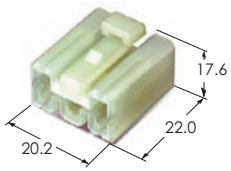
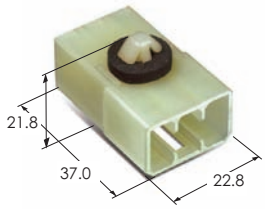
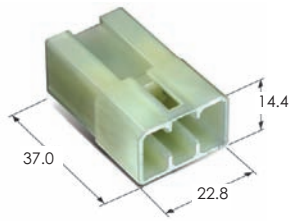
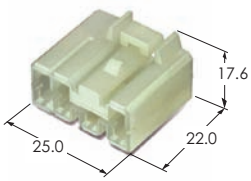
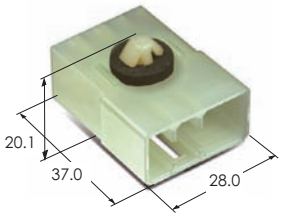
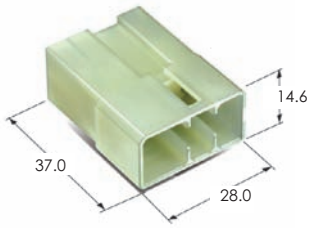
Part No.	Wire Range		Material	Dimension(mm)			Type
	AWG	mm²	Finish	L	E	W	
ST730383-3	24-20	AVSS 0.2~0.5	Brass (Pre-Tin)	17.6	5.6	4.1	Ⓐ
ST730186-3	18-14	AVSS 0.85~2.27	Brass (Pre-Tin)	17.6	5.6	4.1	
ST730192-3	14-13	AVSS 2.0 AVSS 2.5	Brass (Pre-Tin)	17.6	5.6	4.1	
ST740393-3	24-20	AVSS 0.2~0.5	Brass (Pre-Tin)	28.0	15.0	3.0	Ⓑ
ST740315-3	20-18	AVSS 0.5~0.85	Brass (Pre-Tin)	28.0	15.0	3.0	
ST740187-3	18-14	AVSS 0.85~2.27	Brass (Pre-Tin)	28.0	15.0	3.0	
ST740193-3	14-13	AVSS 2.0 AVS 2.5	Brass (Pre-Tin)	28.0	15.0	3.0	

SPECIFICATIONS

Current Rating	10A
Temperature Range	-40 ~ 85℃
Contact Resistance	3mΩ Max(Initial)
Insulation Resistance	DC 500V 100MΩ Min
Wire Size	0.2 ~ 2.5mm²
Housing	PA66

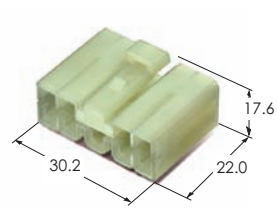
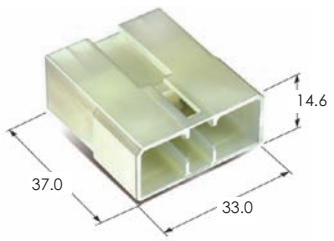
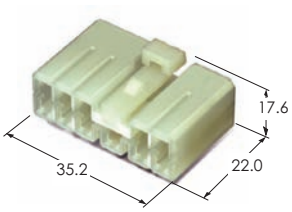
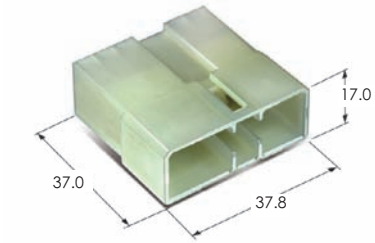
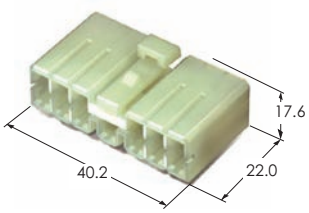
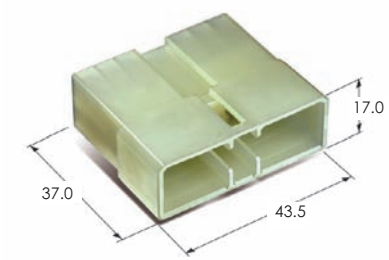
118(PA) CONNECTOR

HOUSING

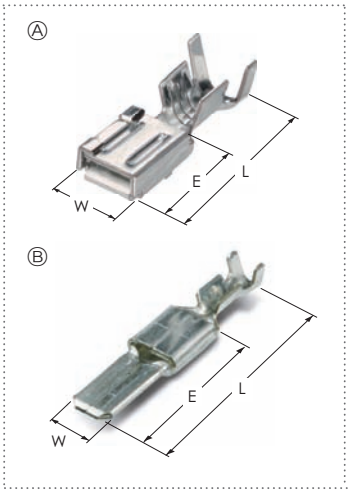
Poles	Female	Male
1	MG610089 	MG620090 
2	MG610207 	MG620208 
3	MG610209 	MG620210 
5	MG610189 	MG640185  MG620211 
7	MG610203 	MG620204  MG620212 

118(PA) CONNECTOR

HOUSING

Poles	Female	Male
9	MG610154 	MG620213 
11	MG610214 	MG620215 
13	MG610216 	MG620217 

187II CONNECTOR



187II TERMINAL

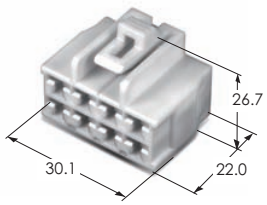
Part No.	Wire Range AWG	Wire Range mm²	Material Finish	Dimension(mm) L	Dimension(mm) E	Dimension(mm) W	Type
ST730644-3 ST730644-3N	22~20	AVSS(CAVS) 0.3~0.5	Brass (Pre-Tin)	18.0	7.8	6.0	Ⓐ
ST730645-3 ST730645-3N	18~16	AVSS(CAVS) 0.85~1.25	Brass (Pre-Tin)	18.0	7.8	6.0	
ST730646-3 ST730646-3N	14-12	AVS 2.0~3.0, AVSS 2.0, FLR2X-B4.0	Brass (Pre-Tin)	18.0	7.8	6.0	
ST731376-3	14-12	AVSS AVS 2.0~3.0	Copper Alloy (Pre-Tin)	18.0	7.8	6.0	
ST740631-3	22~20	AVSS(CAVS) 0.3~0.5	Brass (Pre-Tin)	26.7	16.8	4.8	Ⓑ
ST740632-3	18~16	AVSS(CAVS) 0.85~1.25	Brass (Pre-Tin)	26.7	16.8	4.8	
ST740633-3	14-12	AVS 2.0~3.0, AVSS2.0, FLR2X-B4.0	Brass (Pre-Tin)	26.7	16.8	4.8	

SPECIFICATIONS

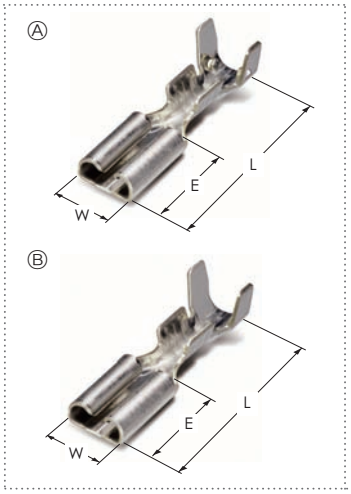
Current Rating	20A
Temperature Range	-40 ~ 85℃
Contact Resistance	3mΩ Max(Initial)
Insulation Resistance	DC 500V 100MΩ Min
Wire Size	0.3 ~ 4.0mm²

HOUSING

Poles	Female
8	MG652220



Suitable Terminal :
ST730644, ST730645, ST730646



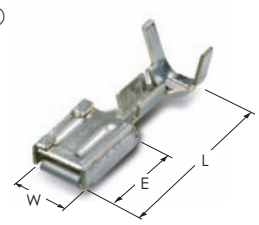
187 D/L TERMINAL

Part No.	Wire Range AWG	Wire Range mm²	Material Finish	Dimension(mm) L	Dimension(mm) E	Dimension(mm) W	Type
ST730602-1	22-20	AVSS 0.3-0.5	Brass (Unplate)	19.5	7.8	5.8	Ⓐ
ST730602-3			Brass (Pre-Tin)				
ST731400-1	22-20	AVSS 0.3-0.5	Brass (Unplate)	19.5	7.8	5.8	
ST731400-3			Brass (Pre-Tin)				
ST730603-1	18-14	AVSS 0.85-2.0	Brass (Unplate)	19.5	7.8	5.8	
ST730603-3			Brass (Pre-Tin)				
ST731114-1	18-14	AVSS 0.85-2.0	Brass (Unplate)	19.5	7.8	5.8	Ⓑ
ST731114-3			Brass (Pre-Tin)				
ST730968-1	13	AESSXF 2.5	Brass (Unplate)	19.5	7.8	5.8	
ST730968-3			Brass (Pre-Tin)				

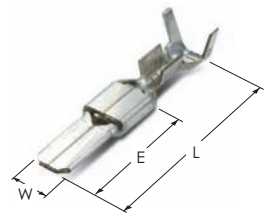
KET ENGINEERED

187II WP CONNECTOR

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TERMINAL

Part No.	Wire Range mm²	Material / Finish	Dimension(mm) L	E	W	Type
ST730715-3	AVSS 0.3~0.5, AVS 0.3~0.85	Brass (Pre-Tin)	19.5	7.8	6.0	Ⓐ
ST730716-3	AVSS 1.25~2.0	Brass (Pre-Tin)	19.5	7.8	6.0	
ST730717-3	AVS 3.0	Brass (Pre-Tin)	19.5	7.8	6.0	
ST731436-3	AEXHF-BS 3.0	Copper Alloy (Pre-Tin)	19.5	7.8	6.0	
ST740734-3	AVSS 0.3~0.5, AVS 0.3~0.85	Brass (Pre-Tin)	28.4	16.9	4.8	Ⓑ
ST740735-3	AVSS 1.25~2.0	Brass (Pre-Tin)	28.4	16.9	4.8	
ST740736-3	AVS 3.0	Brass (Pre-Tin)	28.4	16.9	4.8	

WIRE SEAL

Part No.	Wire Range mm²	Material	Color	Dimension(mm) L	E	Type
MG681367	AVSS 0.3~0.5	Silicone	Red	8.0	Ø8.1	Ⓓ
MG681370	AVS 0.3~0.85	Silicone	Gray	8.0	Ø8.1	
MG681371	AVS 1.25~2.0	Silicone	Black	8.0	Ø8.1	
MG681372	AVS 3.0	Silicone	Blue	8.0	Ø8.1	
MG681373	Dummy Seal	Silicone	Gray	8.7	Ø8.5	Ⓔ

Ⓓ



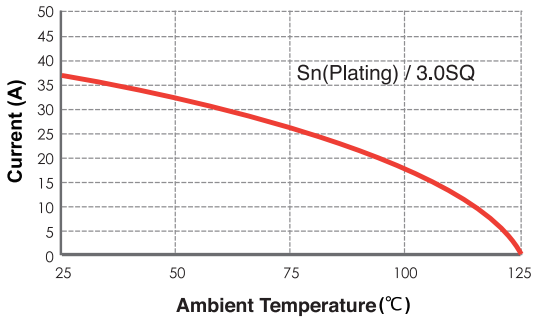
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SPECIFICATIONS

Current Rating	20A
Temperature Range	-40 ~ 125℃
Contact Resistance	3mΩ Max(Initial)
Insulation Resistance	DC 500V 100MΩ Min
Wire Size	0.3 ~ 3.0mm²
Housing	P.B.T

DERATING CURVE

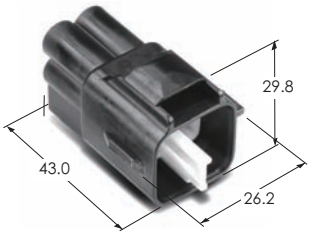
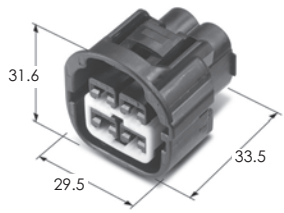


187II WP CONNECTOR

- Improved design from 187 size sealed connector for higher reliability.
- The blade width of the male terminal for this connect or is 0.187inch. (Distinctive Features)
  1. Double locking system eliminates terminal push-out. (Housing lance, Side lock).
  2. Connectors cannot be mated if preset terminal spacer is not in full-lock position.

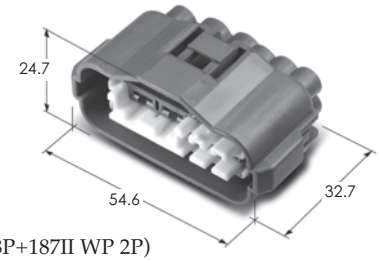
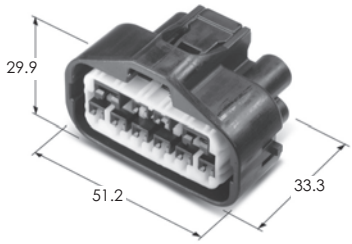
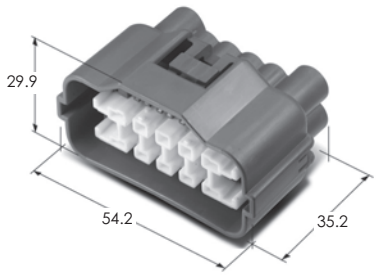


HOUSING

Poles	Male	Female
4	MG651747 	MG641744 

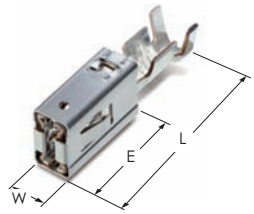
Suitable Clip: **090II Type**

1809 WP CONNECTOR (090II+HYBRID187II)

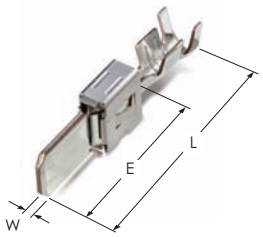
Poles	Female	
10	MG641316-4  (090II WP 8P+187II WP 2P)	MG642351 
12	MG641306-4  (187II WP4P+090II WP 8P)	

N250 CONNECTOR

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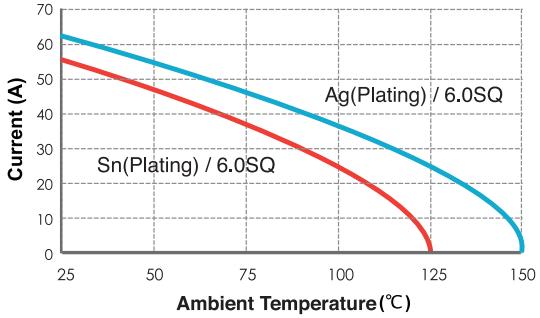
TERMINAL

Part No.	Wire Range		Material	Dimension(mm)			Type
	AWG	mm²	Finish	L	E	W	
ST731430-3	20-17	AVSS0.5, AESSXF0.5, FLRY-B0.5, AESSXF0.75, FLRY-B0.75, AVSS0.85, FLRY-B1.0	Copper Alloy (Pre-Tin)	19.4	10.85	4.1	Ⓐ
ST731429-3	16-13	AVSS1.25, AESSXF1.25, FLRY-B1.5, AVSS2.0, AESSXF2.0, FLRY-B2.0, AESSXF2.5, FLRY-B2.5	Copper Alloy (Pre-Tin)	19.4	10.85	4.1	
ST731428-3	12-11	AVS3.0, FLRY-B4.0	Copper Alloy (Pre-Tin)	19.4	10.85	4.1	
ST731428-4	12-11	AVS3.0, FLRY-B4.0	Copper Alloy (Ag)	19.4	10.85	4.1	
ST731427-3	10-9	AVS5.0, AEXF5.0, FLRYB-6.0	Copper Alloy (Pre-Tin)	20.3	10.85	4.1	
ST731427-4	10-9	AVS5.0, AEXF5.0, FLRYB-6.0	Copper Alloy (Ag)	20.3	10.85	4.1	
ST741372-3	20-17	AVSS0.5, AESSXF0.5, FLRY-B0.5, AESSXF0.75, FLRY-B0.75, AVSS0.85, FLRY-B1.0	Copper Alloy (Pre-Tin)	25.5	15.5	6.3	Ⓑ
ST741371-3	16-13	AVSS1.25, AESSXF1.25, FLRY-B1.5, AVSS2.0, AESSXF2.0, FLRY-B2.0, AESSXF2.5, FLRY-B2.5	Copper Alloy (Pre-Tin)	25.5	15.5	6.3	
ST741370-3	12-11	AVS3.0, FLRY-B4.0	Copper Alloy (Pre-Tin)	25.5	15.5	6.3	
ST741370-4	12-11	AVS3.0, FLRY-B4.0	Copper Alloy (Ag)	25.5	15.5	6.3	
ST741393-3	10-9	AVS5.0, AEXF5.0, FLRY-B6.0	Copper Alloy (Pre-Tin)	25.65	15.5	6.3	
ST741393-4	10-9	AVS5.0, AEXF5.0, FLRY-B-6.0	Copper Alloy (Ag)	25.65	15.5	6.3	

SPECIFICATIONS

● Current Rating	25A
● Temperature Range	-40 ~ 85℃
● Contact Resistance	3mΩ Max(Initial)
● Insulation Resistance	DC 500V 100MΩ Min
● Wire Size	0.5 ~ 6.0mm²

DERATING CURVE

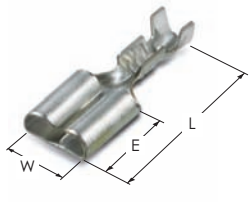


250 CONNECTOR

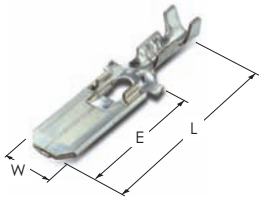
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(Conforms to DIN / VDE 0627)

TERMINAL

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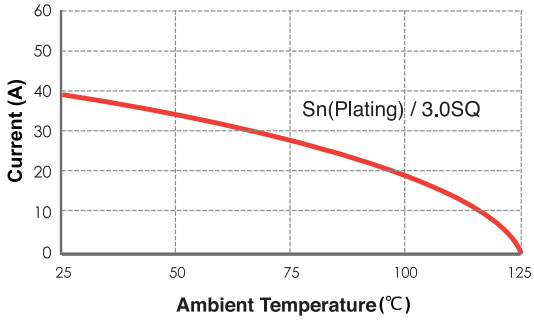


Part No.	Wire Range		Material	Dimension(mm)			Type
	AWG	mm²	Finish	L	E	W	
ST730267-1	22-20	AVSS 0.3~0.5	Brass(Unplate)	19.5	7.8	7.6	Ⓐ
ST730267-2			Brass(Tin)				
ST730267-3			Brass(Pre-Tin)				
ST731420-1	22-20	AVSS 0.3	Brass(Unplate)	19.5	7.8	7.6	
ST731420-2			Brass(Tin)				
ST731420-3			Brass(Pre-Tin)				
ST730268-1	18-14	AVSS 0.75~2.27	Brass(Unplate)	19.5	7.8	7.6	
ST730268-2			Brass(Tin)				
ST730268-3			Brass(Pre-Tin)				
ST731421-1	18-14	AVSS 0.85	Brass(Unplate)	19.5	7.8	7.6	
ST731421-2			Brass(Tin)				
ST731421-3			Brass(Pre-Tin)				
ST730269-1	14-12	AVSS 2.0, AVS 3.0	Brass(Unplate)	19.5	7.8	7.6	
ST730269-3			Brass(Pre-Tin)				
ST740253-1	22-20	AVSS 0.3~0.5	Brass(Unplate)	24.5	15.5	6.0	Ⓑ
ST740253-2			Brass(Tin)				
ST740253-3			Brass(Pre-Tin)				
ST740253-3S		0.3~0.5	Brass(Pre-Tin)				
ST740254-1	18-14	AVSS 0.75~2.27	Brass(Unplate)	24.5	15.5	6.0	
ST740254-3			Brass(Pre-Tin)				
ST740254-3M		0.85-2.0	Brass(Pre-Tin)				
ST740255-1	14-12	AVSS 2.0, AVS 3.0	Brass(Unplate)	24.5	15.5	6.0	
ST740255-3			Brass(Pre-Tin)				
ST740255-3L		2.0-3.0	Brass(Pre-Tin)				

SPECIFICATIONS

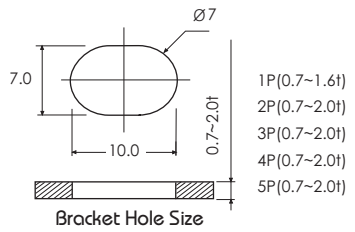
Current Rating	20A
Temperature Range	-40 ~ 85℃
Contact Resistance	3mΩ Max(Initial)
Insulation Resistance	DC 500V 100MΩ Min
Wire Size	0.3 ~ 3.0mm²
Housing	PA66

DERATING CURVE



CLIP TYPE(Female Housing)

MG630675(1P)
MG630676(2P)
MG630677(3P)
MG630678(4P)
MG630759(6P)



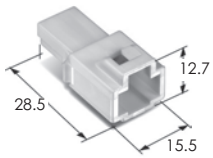
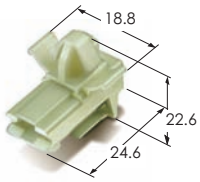
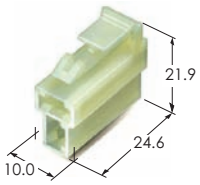
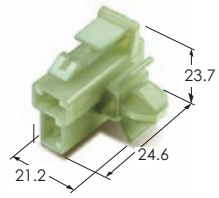
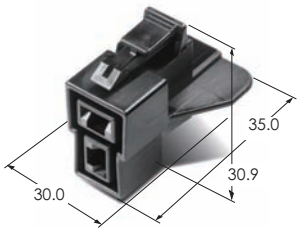
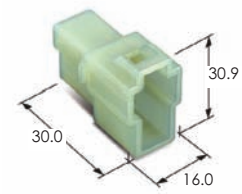
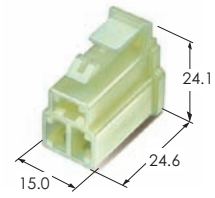
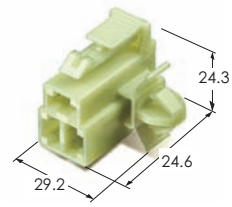
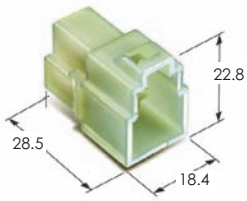
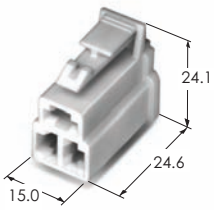
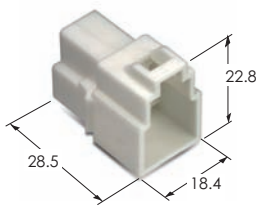


- Receptacles and Tabs can be used from Single-pole to Multiple-pole connections.
- Housing Locking Type is highly reliable.
- Housing Lance Type Improves stability from Terminal Lance Type.
- More suitable for components of Automotive Wiring Harness.

KET ENGINEERED

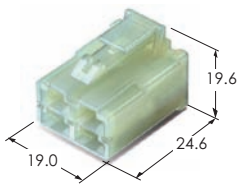
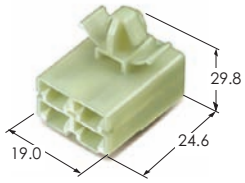
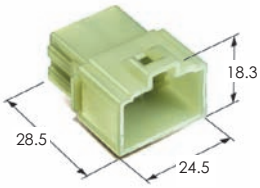
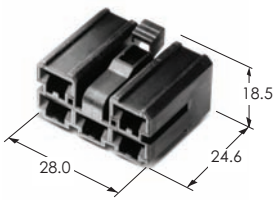
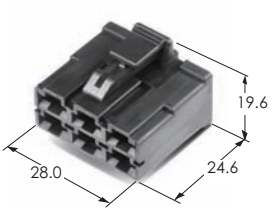
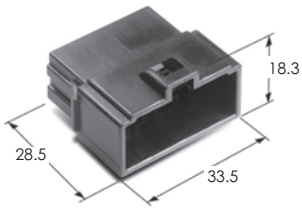
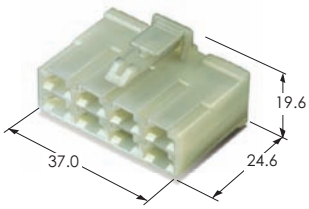
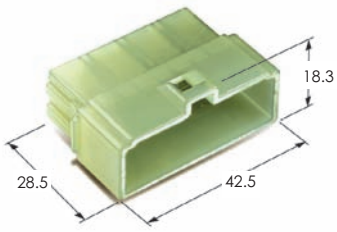
250 CONNECTOR

HOUSING

Poles	Female	Male
1	◇ MG610041/MG610041R 	◇ MG620040/MG620040R 
	MG630675(T=0.7~1.6) MG633062(T=1.7~2.6) 	
2	◇ MG610043 MG613691(HPA) MG612024(PBT)  MG630676  MG610684 	◇ MG620042 MG623696(HPA) MG622023(PBT) 
3	◇ MG610045 MG612026(PBT)  MG630677 	◇ MG620044 
	MG614758 	MG624757 

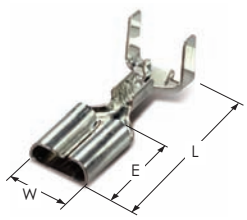
250 CONNECTOR

HOUSING

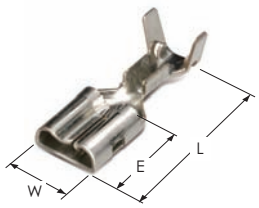
Poles	Female	Male
4	MG610047  MG630678 	MG620046 
5	MG614463 	
6	MG610049 	MG620048 
8	MG610051 	MG620050 

250 TERMINAL(BOX)

Ⓐ



Ⓑ

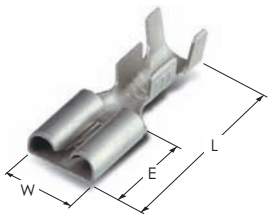


Part No.	Wire Range		Material	Dimension(mm)			Type
	AWG	mm^2	Finish	L	E	W	
ST731165-3	22-20	AVSS 0.3~0.5	Copper Alloy (Pre-Tin)	19.5	7.8	7.4	Ⓐ
ST731166-3	18-16	AVSS 0.85-1.25	Copper Alloy (Pre-Tin)	19.5	7.8	7.4	
ST731167-3	14-12	AVSS 2.0, AVS 3.0	Copper Alloy (Pre-Tin)	19.5	7.8	7.4	
ST731453-3	11	RLR2X-B 4.0	Copper Alloy (Pre-Tin)	19.5	7.8	7.4	Ⓑ
ST730921-3	22-20	AVSS 0.3~0.5	Copper Alloy (Pre-Tin)	19.5	7.8	7.4	
ST730922-3	18-16	AVSS 0.85-1.25	Copper Alloy (Pre-Tin)	19.5	7.8	7.4	
ST730923-3	14-12	2.0-3.0	Copper Alloy (Pre-Tin)	19.5	7.8	7.4	

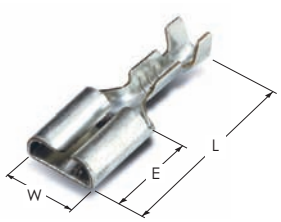
250 CONNECTOR

TERMINAL

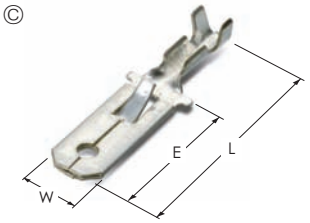
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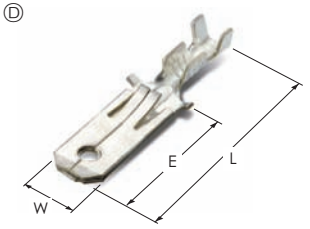
Ⓑ



Ⓒ



Ⓓ

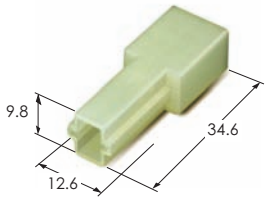


Part No.	Wire Range		Material	Dimension(mm)			Type
	AWG	mm²	Finish	L	E	W	
◇ ST730313-1	22-20	AVSS 0.3~0.5	Brass(Unplate)	19.5	7.8	7.4	Ⓐ
◇ ST730313-2			Brass(Tin)				
◇ ST730141-1	18-14	AVSS 0.85~2.27	Brass(Unplate)	19.5	7.8	7.4	
◇ ST730141-2			Brass(Tin)				
◇ ST730142-1	14-12	AVSS 2.0 AVS 3.0	Brass(Unplate)	19.5	7.8	7.4	
◇ ST730142-2			Brass(Tin)				
◇ ST730025-1	18-14	AVSS 0.75~2.27	Brass(Unplate)	19.5	7.8	7.4	
◇ ST730025-2			Brass(Tin)				
◇ ST730023-1	14-10	AVSS 2.0 AVS 3.0	Brass(Unplate)	19.5	7.8	7.4	
◇ ST730023-2			Brass(Tin)				
ST730752-1	22-20	AVSS 0.3~0.5	Brass(Unplate)	19.5	7.8	7.4	Ⓑ
ST730752-3			Brass(Tin)				
ST730768-1	18-14	AVSS 0.85~1.25	Brass(Unplate)	19.5	7.8	7.4	
ST730768-3			Brass(Tin)				
ST730769-1	14-12	AVSS 2.0 AVS 3.0	Brass(Unplate)	19.5	7.8	7.4	
ST730769-3			Brass(Tin)				
ST730916-3	14	AVSS 2.0	Copper Alloy (Pre-Tin)	19.5	7.8	7.4	
ST740189-1	14-12	AVSS 2.0 AVS 3.0	Brass(Unplate)	24.5	13.2	6.0	Ⓒ
ST740189-3			Brass(Tin)				
◇ ST740314-1	22-20	AVSS 0.3~0.5	Brass(Unplate)	24.5	13.2	6.0	
ST740314-3			Brass(Tin)				
◘ ST740050-1	18-14	AVSS 0.85~2.0	Brass(Unplate)	24.5	13.2	6.0	
■ ST740050-3			Brass(Tin)				
◇ ST740439-1	14-10	AVSS 2.0, AVS 3.0	Brass(Unplate)	24.5	13.2	6.0	
ST740439-3			Brass(Tin)				
◇ ST740385-1	22-20	AVSS 0.3~0.5	Brass(Unplate)	24.5	14.1	6.0	Ⓓ
ST740385-3			Brass(Tin)				
◇ ST740386-1	18-14	AVSS 0.85~2.0	Brass(Unplate)	24.5	14.1	6.0	
ST740386-3			Brass(Tin)				

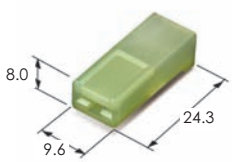
HOUSING

Female

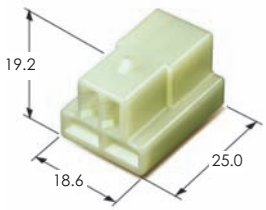
◇ **MG620037**
Suitable Terminal: Type Ⓒ



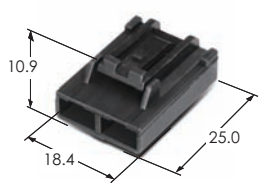
◇ **MG610086**
Suitable Terminal: Type Ⓐ



◇ **MG610101**
Suitable Terminal: Type Ⓐ



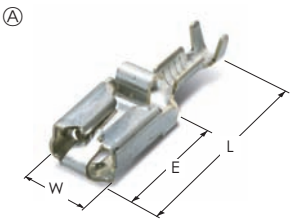
◇ **MG610422**(For Fuel Pump:Type)
Suitable Terminal: Type Ⓐ



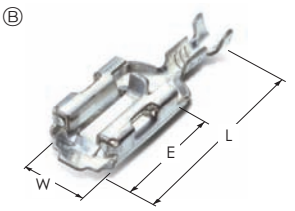
250 CONNECTOR

TERMINAL

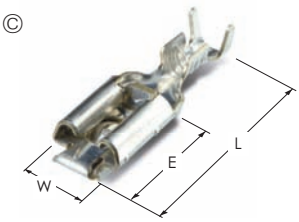
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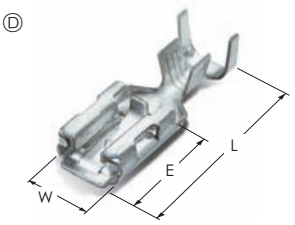
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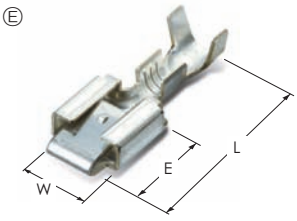
Ⓒ



Ⓓ



Ⓔ

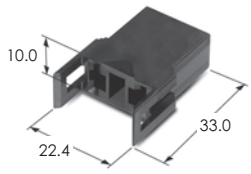


Part No.	Wire Range		Material	Dimension(mm)			Type
	AWG	mm²	Finish	L	E	W	
ST730869-1	22-20	0.3~0.5	Brass(Unplate)	22.0	11.2	7.4	Ⓐ
ST730869-2			Brass(Tin)				
ST730869-3			Brass(Pre-Tin)				
◇ ST730222-1	18-14	0.75~2.27	Brass(Unplate)				
ST730222-2			Brass(Tin)				
ST730222-3			Brass(Pre-Tin)				
ST730223-1	14-12	2.0~3.0	Brass(Unplate)	22.6	11.2	7.4	
ST730223-2			Brass(Tin)				
ST730223-3			Brass(Pre-Tin)				
ST730394-3	24-20	AVSS 0.2~0.5	Brass(Pre-Tin)	21.8	9.6	7.6	Ⓑ
ST730382-3	20-16	AVSS 0.5~1.25	Brass(Pre-Tin)	21.8	9.6	7.6	
ST730380-3	20-16	AVSS 0.5~1.25	Brass(Pre-Tin)	23.8	11.3	7.5	Ⓒ
ST730381-3	14-12	AVSS 2.0 AVS 3.0	Brass(Pre-Tin)	23.8	11.3	7.5	
ST730897-1	14-12	AVS 2.0~3.0 AVSS 2.0	Brass(Unplate)	21.8	10.6	7.6	Ⓓ
ST730897-3			Brass(Pre-Tin)				
ST730898-1	18-16	AVSS 0.85~1.25	Brass(Unplate)	21.8	10.6	7.6	
ST730898-3			Brass(Pre-Tin)				
ST730901-1	16-14	AVSS 1.25~2.0	Brass(Unplate)	20.4	9.8	7.85	Ⓔ
ST730901-3			Brass(Pre-Tin)				
ST730902-1	12-10	AVSS 0.3~0.5	Brass(Unplate)	20.4	9.8	7.85	
ST730902-3			Brass(Pre-Tin)				

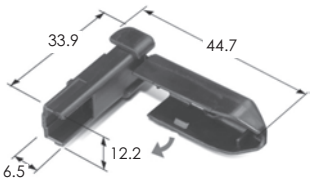
HOUSING

Female

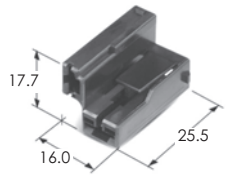
MG611730
Suitable Terminal:**ST730267,ST730268,ST730269**



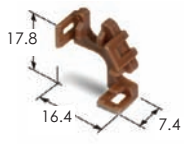
MG632413
Suitable Terminal: **ST730901, ST730902**



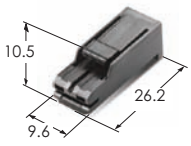
MG630685
Suitable Terminal:
205 Type : **730351-5**
250 Type : Ⓓ



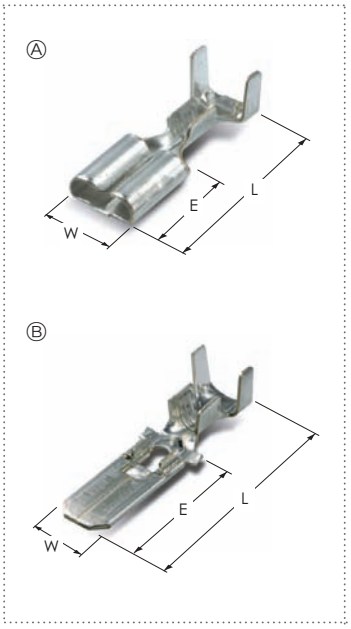
MG632410-7



MG630063
Suitable Terminal: 250 Type : Ⓒ



250 D/L CONNECTOR



TERMINAL

Part No.	Wire Range		Material	Dimension(mm)			Type
	AWG	mm²	Finish	L	E	W	
ST730467-1	22-20	AVSS 0.3-0.5	Brass(Pre-Tin)	19.5	7.8	7.4	Ⓐ
ST730467-3			Brass(Pre-Tin)				
ST730468-1	18-16	AVSS 0.85-1.25	Brass(Pre-Tin)	19.5	7.8	7.4	
ST730468-3			Brass(Pre-Tin)				
ST730469-1	14-12	AVSS2.0-3.0	Brass(Pre-Tin)	19.5	7.8	7.4	
ST730469-3			Brass(Pre-Tin)				
ST740470-1	22-20	AVSS 0.3-0.5	Brass(Pre-Tin)	24.5	13.7	6.0	Ⓑ
ST740470-3			Brass(Pre-Tin)				
ST740471-1	18-16	AVSS 0.85-1.25	Brass(Pre-Tin)	24.5	13.7	6.0	
ST740471-3			Brass(Pre-Tin)				
ST740472-1	14-12	AVSS2.0-3.0	Brass(Pre-Tin)	24.5	13.7	6.0	
ST740472-3			Brass(Pre-Tin)				

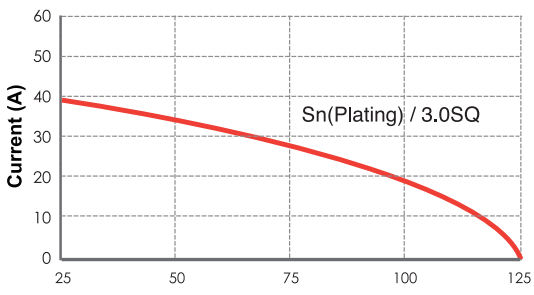


- In-Line, wire to wire connector for an automobile.
- Wide range of usage for mid and high current circuits.
- Double Locking system with a Rear Holder prevents incomplete terminal locking into housing.

SPECIFICATIONS

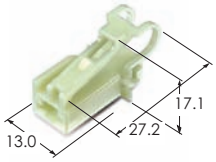
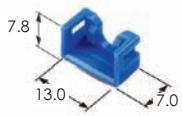
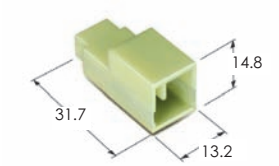
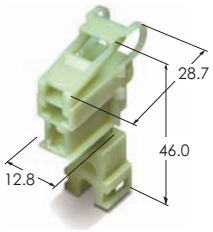
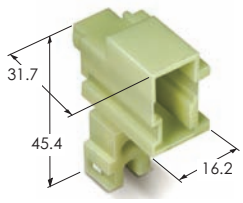
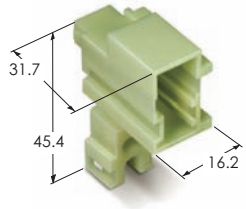
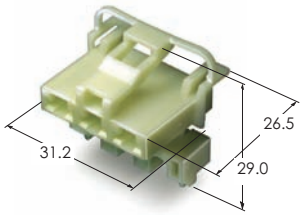
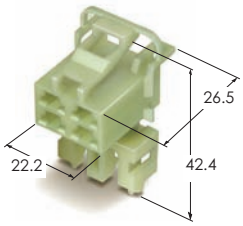
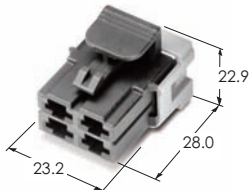
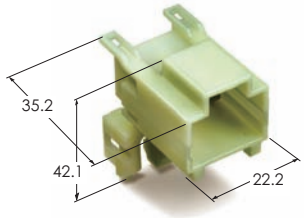
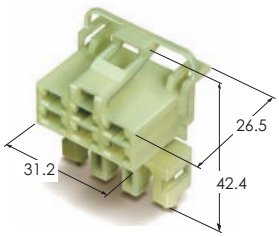
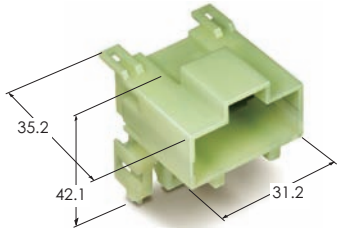
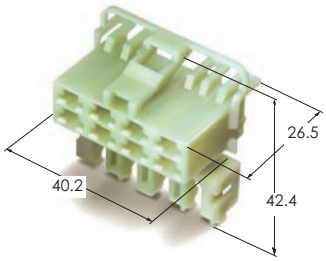
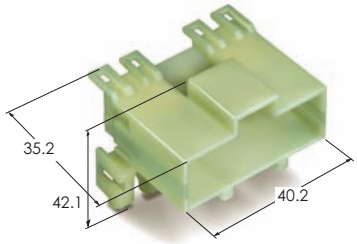
Current Rating	20A
Temperature Range	-40 ~ 85℃
Contact Resistance	3mΩ Max(Initial)
Insulation Resistance	DC 500V 100MΩ Min
Wire Size	0.3 ~ 3.0mm²
Housing	PA66

DERATING CURVE



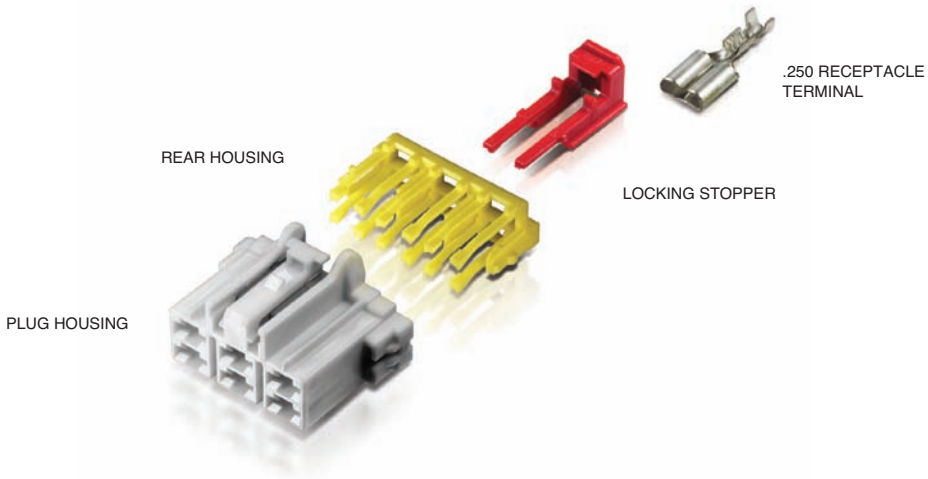
250 D/L CONNECTOR

HOUSING

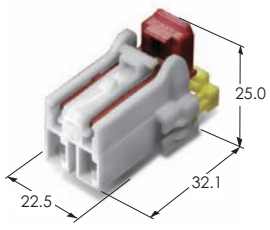
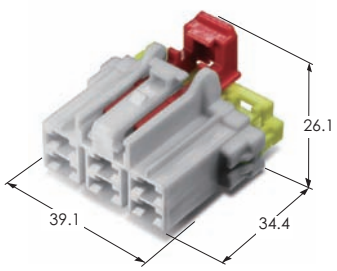
Poles	Female	Male
1	MG 610983  MG 630998-2 	MG 620984 
2	MG610263 	MG 620262  MG 625459 
3	MG 611657 	
4	MG 610267  MG 655651 	MG 620266 
6	MG 610269 	MG 620268 
8	MG610271 	MG620270 

250III CONNECTOR

- These connectors are suitable for parts requiring high degrees of reliability such as, in automobile air bag, ABS, and ignition switch system.
- Triple-lock connectors are being employed for the first time in Korea to provide complete connection between housings.
- Detachable rear holders are employed in double lock structure to prevent incomplete terminal locking or non-insertion.



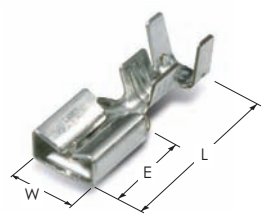
HOUSING

Poles	Female
2	MG650901 
6	MG650887 MG610885 

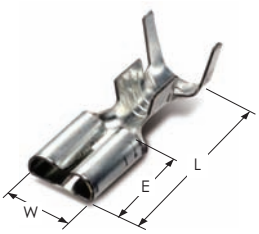
Suitable Terminal : **ST730267, ST730268, ST730269**

250 WP(58X) CONNECTOR

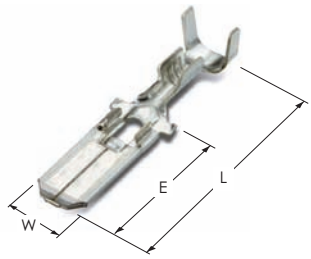
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TERMINAL

Part No.	Wire Range AWG	Wire Range mm²	Material Finish	Dimension(mm) L	Dimension(mm) E	Dimension(mm) W	Type
ST730411-1	20-16	AVSS 0.5~1.25	Brass(Unplate)	20.0	8.0	7.8	Ⓐ
ST730411-3			Brass(Pre-Tin)				
ST730412-1	14-12	AVSS 2.0 AVS 3.0~4.0	Brass(Unplate)	20.0	8.0	7.8	
ST730412-3			Brass(Pre-Tin)				
ST730659-1	20-16	AVSS 0.5~1.25	Brass(Unplate)	20.0	8.0	7.4	Ⓑ
ST730659-3			Brass(Pre-Tin)				
ST730660-1	14-12	AVSS 2.0~3.0	Brass(Unplate)	20.0	8.0	7.4	
ST730660-3			Brass(Pre-Tin)				
ST740576-1	20-16	AVSS 0.5~1.25	Brass(Unplate)	28.0	14.3	6.0	Ⓒ
ST740576-3			Brass(Pre-Tin)				
ST740577-1	14-12	AVSS 2.0 AVS 3.0	Brass(Unplate)	28.0	14.3	6.0	
ST740577-3			Brass(Pre-Tin)				

WIRE SEAL

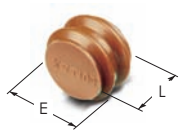
Part No.	Wire Range mm²	Material	Color	Dimension(mm) L	Dimension(mm) E	Type
MG 680524	AV, AVS, AVX 0.5 AVS, AVXF 0.85 AVS, AVSS 1.25	Silicone	Black	9.3	Ø9.6	Ⓓ
MG 680728	AVX 1.25 AVX, AVS 2.0	Silicone	Blue	9.3	Ø9.6	
MG 680601	AV 3.0 AVS, AEX 3.0	Silicone	Red	9.3	Ø9.6	
MG 681505	AVSS 0.3~0.5	Silicone	Green	9.3	Ø9.6	
MG 683213	Dummy Seal	Silicone	Brown	6.0	Ø9.8	Ⓔ

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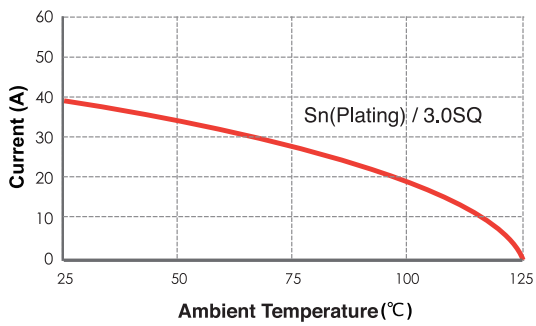
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SPECIFICATIONS

Current Rating	20A
Temperature Range	-40 ~ 125℃
Contact Resistance	3mΩ Max(Initial)
Insulation Resistance	DC 500V 100MΩ Min
Wire Size	0.5 ~ 3.0mm²
Housing	PA66

DERATING CURVE

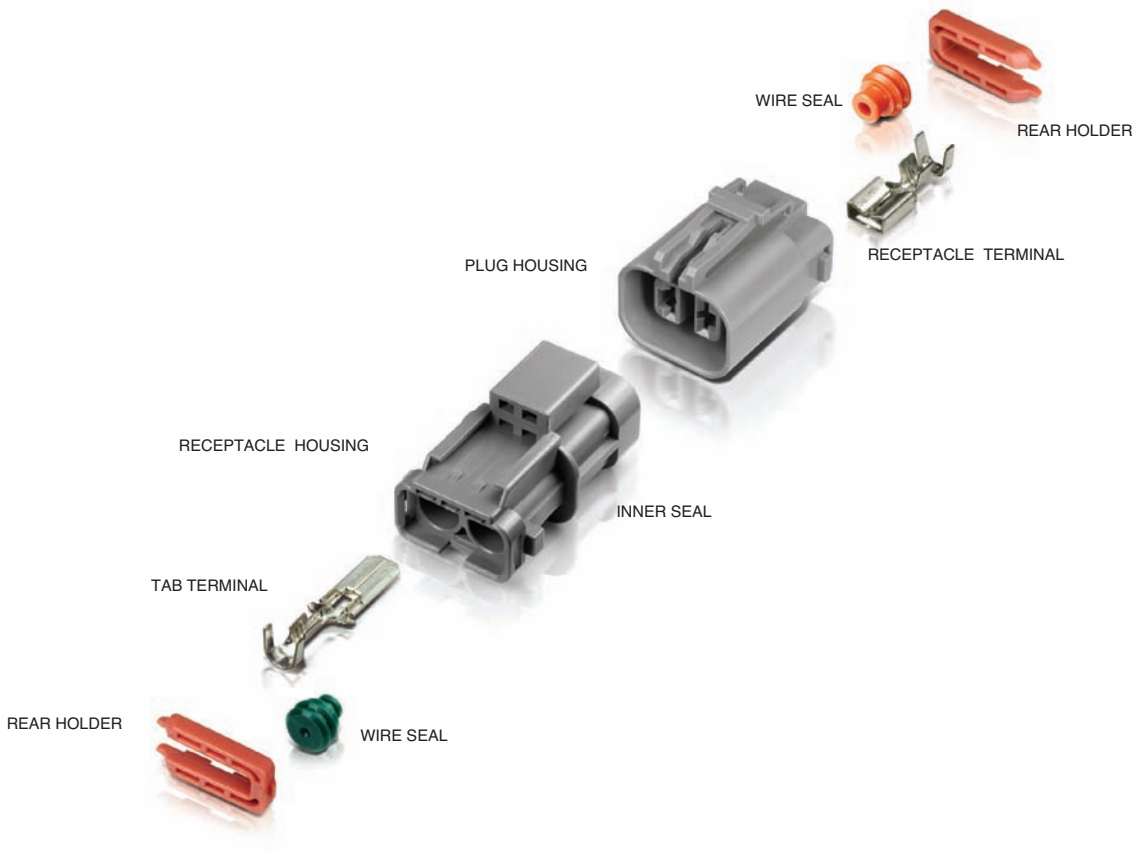


KET ENGINEERED

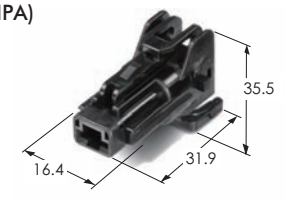
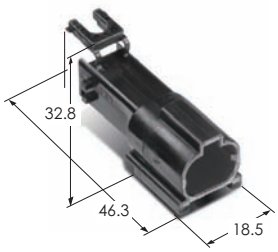
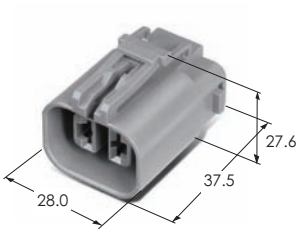
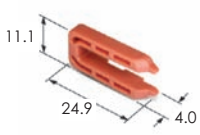
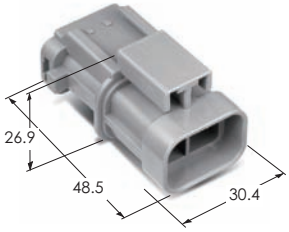
250 WP(58X) CONNECTOR

250 WP(58X) CONNECTOR

▶Designed to waterproof Connectors in wide range of electrical and electronic products from Home Appliances to Automotive Wiring: providing safe and secured electrical connections.



HOUSING

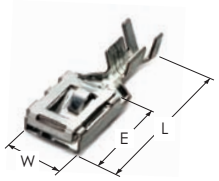
Poles	Female	Male
1	MG610949 MG613807(HPA)  Suitable Terminal: **ST730659, ST730660**	MG640951 
2	MG640188-4  MG630537-7  MG610574-4  Suitable Terminal: **ST730411, ST730412**	

250(630) CONNECTOR

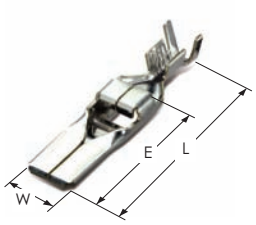
- The blade width of male terminal for this connector is 6.30mm
- Double locking system eliminates terminal push-out (Housing lance, TPA)
- Stable/secure mating action between male and female connector

TERMINAL

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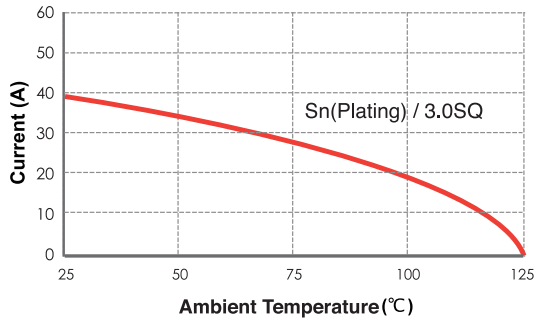


Part No.	Wire Range		Material	Dimension(mm)			Type
	AWG	mm²	Finish	L	E	W	
ST731211-3	20-18	AVS 0.5-0.85	Copper Alloy (Pre-Tin)	19.0	9.0	7.5	Ⓐ
ST731484-3	19	FLALUY 0.75	Copper Alloy (Pre-Tin)	19.0	9.0	7.5	
ST731210-3	16-14	AVS 1.0-2.0	Copper Alloy (Pre-Tin)	19.0	9.0	7.5	
ST731209-3	12-10	AVS 2.5 FLRY 2.5, AVS 4.0	Copper Alloy (Pre-Tin)	19.0	9.0	7.5	
ST731459-3	10	FLRY-B4.0	Copper Alloy (Pre-Tin)	19.0	9.0	7.5	
ST741208-3	20-18	AVS 0.5-0.85	Brass (Pre-Tin)	28.1	17.4	6.3	Ⓑ
ST741207-3	16-14	AVS 1.0-2.0	Brass (Pre-Tin)	28.1	17.4	6.3	
ST741206-3	12-10	AVS 3.0 FLRY 2.5~4.0	Brass (Pre-Tin)	28.1	17.4	6.3	

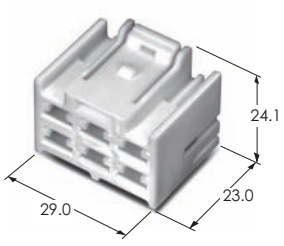
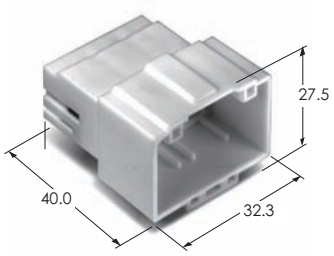
SPECIFICATIONS

Current Rating	25A
Temperature Range	-40 ~ 85℃
Contact Resistance	3mΩ Max(Initial)
Insulation Resistance	DC 500V 100MΩ Min
Wire Size	0.5 ~ 4.0mm²
Housing	P.B.T

DERATING CURVE

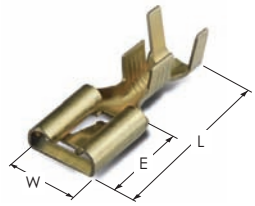


HOUSING

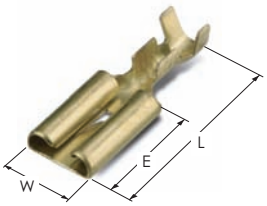
Poles	Female	Male
6	MG655697 	MG645750 

312 CONNECTOR

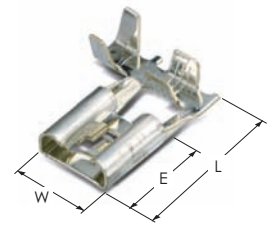
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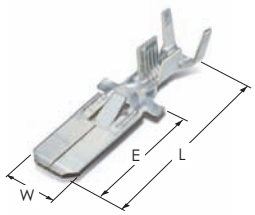
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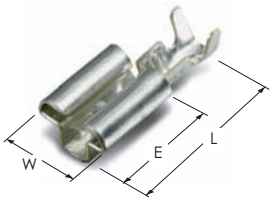
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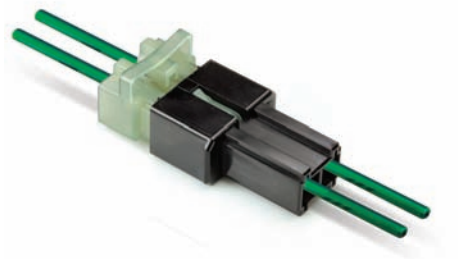


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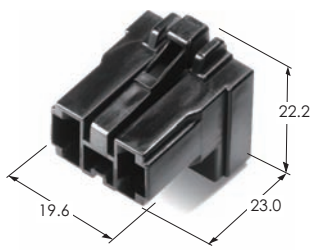
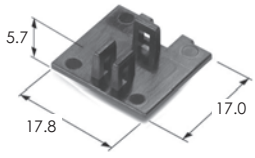
Part No.	Wire Range		Material	Dimension(mm)			Type
	AWG	mm²	Finish	L	E	W	
ST730107-1	18-14	AVSS 0.85~2.0	Brass(Unplate)	22.8	9.6	9.0	Ⓐ
ST730107-3			Brass(Pre-Tin)				
ST730108-1	12-10	AVS 3.0~5.0	Brass(Unplate)	22.8	9.6	9.0	
ST730108-3			Brass(Pre-Tin)				
ST730373-1	18-14	AVSS 0.75~2.0	Brass(Unplate)	24.35	12.1	9.0	Ⓑ
ST730373-3			Brass(Pre-Tin)				
ST730374-1	12-10	AVS 3.0~5.0	Brass(Unplate)	24.35	12.1	9.0	
ST730374-3			Brass(Pre-Tin)				
ST730026-1	12-10	AVSS 1.25~2.0	Brass(Unplate)	18.0	8.6	9.0	Ⓒ
ST730026-2			Brass(Tin)				
ST730026-3			Brass(Pre-Tin)				
ST731264-3	20-18	AVSS 0.5~0.85	Brass(Unplate)	18.0	8.6	9.0	
ST730707-1	20-18	AVSS 0.5~0.85	Brass(Unplate)	18.0	8.6	9.0	
ST730707-3			Brass(Pre-Tin)				
ST740109-1	18-14	AVSS 0.85~2.0	Brass(Unplate)	29.8	18.0	7.9	Ⓓ
ST740109-3			Brass(Pre-Tin)				
ST740110-1	12-10	AVS 3.0~5.0	Brass(Unplate)	29.8	18.0	7.9	
ST740110-3			Brass(Pre-Tin)				
ST730273-1	18-14	AVSS 0.5~2.0	Brass(Unplate)	19.5	10.0	9.0	Ⓔ
ST730273-3			Brass(Pre-Tin)				

SPECIFICATIONS

Current Rating	30A
Temperature Range	-40 ~ 85℃
Contact Resistance	3mΩ Max(Initial)
Insulation Resistance	DC 500V 100MΩ Min
Wire Size	0.3 ~ 5.0mm²
Housing	PA66

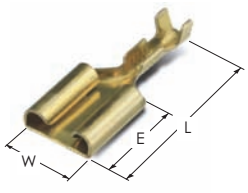


HOUSING

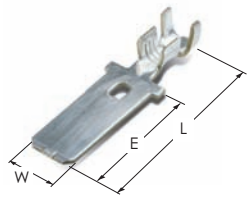
Poles	Female	Rear Holder
2	MG610686 	MG630687 

312 CONNECTOR

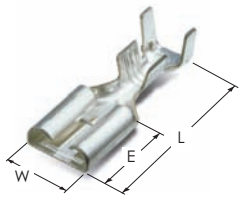
Ⓐ



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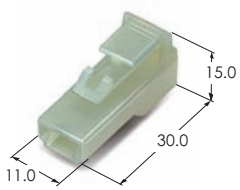
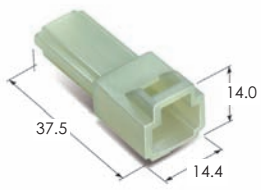
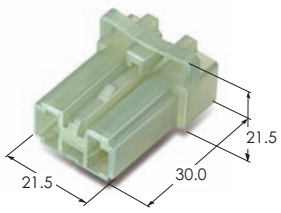
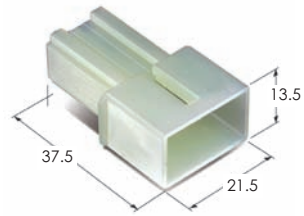
TERMINAL

Part No.	Wire Range		Material	Dimension(mm)			Type
	AWG	mm^2	Finish	L	E	W	
ST730266-1	22-20	AVSS 0.3~0.5	Brass(Unplate)	24.8	9.6	9.0	Ⓐ
ST730266-3			Brass(Pre-Tin)				
ST730371-1	18-14	AVSS 2.0	Brass(Unplate)	24.35	10.0	9.0	
ST730371-3			Brass(Pre-Tin)				
ST730457-1	14-12	AVSS 2.0 AVS 3.0	Brass(Unplate)	24.35	10.0	9.0	
ST730457-3			Brass(Pre-Tin)				
ST730458-1	14-12	AVSS 2.0 AVS 3.0	Brass(Unplate)	24.35	12.1	9.0	
ST730458-3			Brass(Pre-Tin)				
ST730372-1	12-10	AVS 3.0~5.0	Brass(Unplate)	24.35	10.0	9.0	
ST730372-3			Brass(Pre-Tin)				
ST740332-1	14-12	AVSS 2.0 AVS 3.0	Brass(Unplate)	33.8	20.0	7.9	Ⓑ
ST740332-3			Brass(Pre-Tin)				
ST740333-1	12-10	AVS 3.0~5.0	Brass(Unplate)	33.8	22.0	7.9	
ST740333-3			Brass(Pre-Tin)				
ST740370-1	16-14	AVSS 1.25~2.0	C2680R-1/2H(Pre-Tin)	29.7	18.0	7.9	
ST740370-2			C2680R-1/2H(Tin)				
ST740399-1	12-10	AVS 3.0~5.0	Brass(Pre-Tin)	29.7	16.0	7.9	
ST740399-2			Brass(Tin)				
ST730852-1	14-12	AVSS 2.0 AVS 3.0	Brass(Unplate)	24.35	10.0	9.0	Ⓒ
ST730852-2			Brass(Tin)				
ST730852-3			Brass(Pre-Tin)				

SPECIFICATIONS

Current Rating	30A
Temperature Range	-40 ~ 85℃
Contact Resistance	3mΩ Max(Initial)
Insulation Resistance	DC 500V 100MΩ Min
Wire Size	0.3 ~ 5.0mm²
Housing	PA66

HOUSING

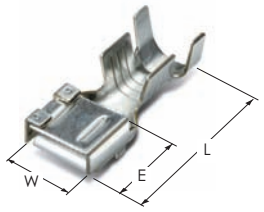
Poles	Female	Male
1	MG610958 	MG620959 
2	MG610281 	MG620282 
	Suitable Terminal : **ST730371, ST730372**	Suitable Terminal : **ST740370, ST740399**

KET ENGINEERED

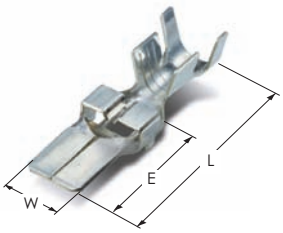
312II CONNECTOR

TERMINAL

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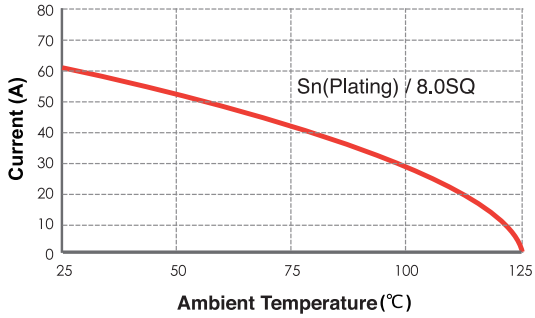


Part No.	Wire Range		Material	Dimension(mm)			Type
	AWG	mm²	Finish	L	E	W	
ST730642-3	14-12	AVS 2.0~3.0	Brass (Pre-Tin)	23.4	7.8	9.2	Ⓐ
ST731112-3	14-12	AVS 2.0~3.0	Copper Alloy (Pre-Tin)	23.4	7.8	9.2	
ST730643-3	10-8	AVS 5.0, AV 8.0	Brass (Pre-Tin)	23.4	7.8	9.2	
ST731147-3	10-8	AVS 5.0, AV 8.0	Copper Alloy (Pre-Tin)	23.4	7.8	9.2	
ST731422-3	10-8	AVS 5.0 AVXF 5.0	Copper Alloy (Pre-Tin)	23.4	7.8	9.2	
ST740600-3	14-12	AVSS 2.0~3.0	Brass (Pre-Tin)	32.3	16.8	8.0	Ⓑ
ST740601-3	10-8	AVS 5.0, AV 8.0	Brass (Pre-Tin)	32.3	16.8	8.0	

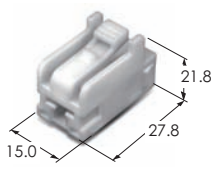
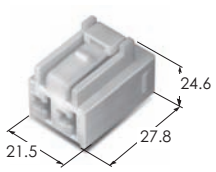
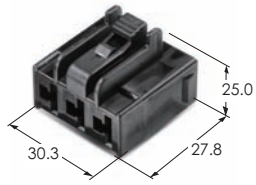
SPECIFICATIONS

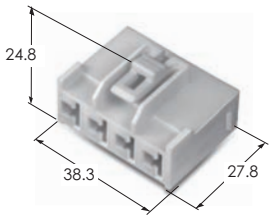
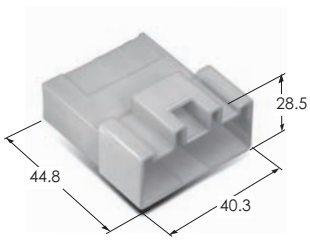
Current Rating	42A
Temperature Range	-40 ~ 85℃
Contact Resistance	3mΩ Max(Initial)
Insulation Resistance	DC 500V 100MΩ Min
Wire Size	2.0 ~ 8.0mm²
Housing	P.B.T

DERATING CURVE



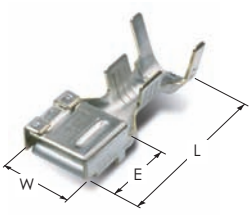
HOUSING

Poles	Female					
1	MG653994		2	MG652500		
3	MG653993					

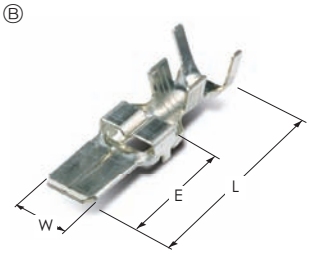
Poles	Female	Male
4	MG651926 	MG641928 

312II WP CONNECTOR

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TERMINAL

Part No.	Wire Range AWG	Wire Range mm²	Material Finish	Dimension(mm) L	E	W	Type
ST730650-3	16	AVS 1.25	Brass(Pre-Tin)	22.4	7.8	9.2	
ST730651-3	14-12	AVS 2.0~3.0	Brass(Pre-Tin)	22.4	7.8	9.2	
ST730652-3	10	AVS 5.0	Brass(Pre-Tin)	22.4	7.8	9.2	Ⓐ
ST730893-3	8	AVS 8.0	Brass(Pre-Tin)	22.4	7.8	9.2	
ST730936-3	10	AVS 5.0	Copper Alloy (Pre-Tin)	22.4	7.8	9.2	
ST 740653-3	16	AVS 1.25	Brass(Pre-Tin)	31.3	17.0	7.9	
ST740654-3	14-12	AVS 2.0~3.0	Brass(Pre-Tin)	31.3	17.0	7.9	
ST740655-3	10	AVS 5.0	Brass(Pre-Tin)	31.3	17.0	7.9	Ⓑ
ST740668-3	8	AVS 8.0	Brass(Pre-Tin)	31.3	17.0	7.9	

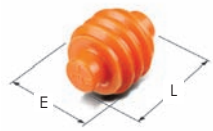
WIRE SEAL

Part No.	Wire Range mm²	Material	Color	Dimension(mm) L	E	Type
MG680953	AVS 1.25, AVS 2.0~3.0	Silicone	Gray	10.0	Ø11.8	Ⓐ
MG680954	AVS 5.0, AV 8.0	Silicone	Black	10.0	Ø11.8	
MG 680961	Dummy Seal	Silicone	Orange	16.0	Ø12.5	Ⓑ

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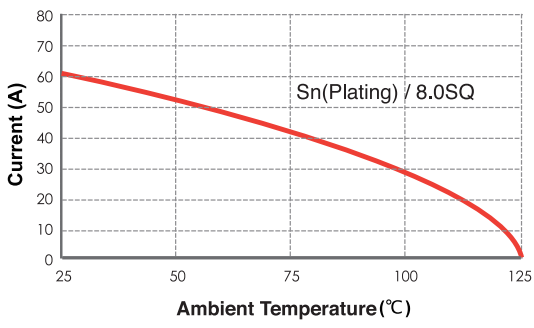
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SPECIFICATIONS

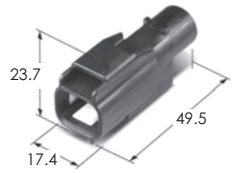
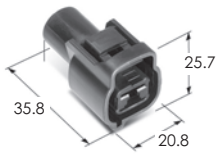
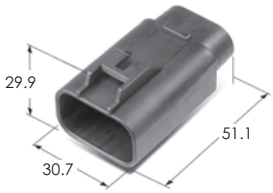
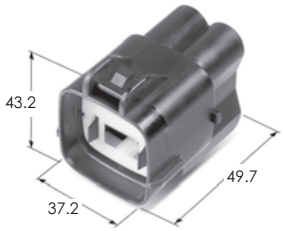
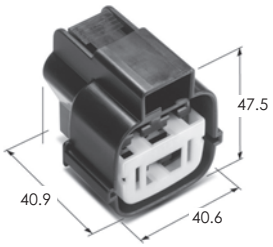
Current Rating	42A
Temperature Range	-40 ~ 125℃
Contact Resistance	3mΩ Max(Initial)
Insulation Resistance	DC 500V 100MΩ Min
Wire Size	1.25 ~ 8.0mm²
Housing	P.B.T

DERATING CURVE



312II WP CONNECTOR

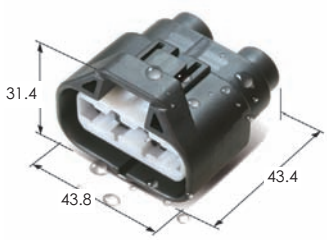
HOUSING

Poles	Female	Male
1	MG650943 	MG640944 
2	MG652934 	MG642928 
3	MG652290 	MG642292 



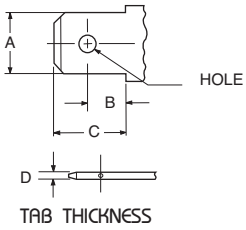
- These are waterproof connectors for circuits carring mid and high current.
- Suitable for water-tight areas such as automobile engine compartments.
- Terminals are designed as box structures to reinforce contact between terminals and to improve electrical performance.

3118 WP CONNECTOR

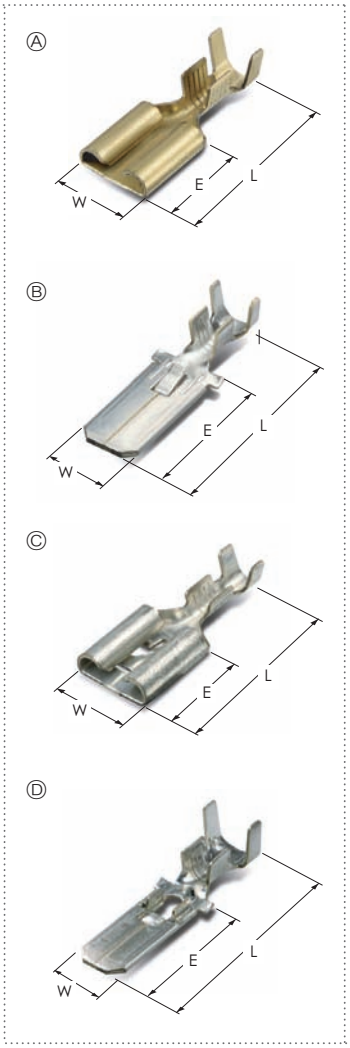
Poles	Female
3	MG642925 

(312II WP 2P+187II WP 1P)

375 CONNECTOR



TAB	A	B	C	D
375	9.5	7.3	12.3	1.20



TERMINAL

Part No.	Wire Range		Material	Dimension(mm)			Type
	AWG	mm²	Finish	L	E	W	
ST730247-1	18-14	AVSS 0.85~2.0	Brass(Unplate)	27.2	12.0	11.0	Ⓐ
ST730247-3			Brass(Pre-Tin)				
ST730248-1	12-10	AVS 3.0~5.0	Brass(Unplate)	27.2	12.0	11.0	
ST730248-3			Brass(Pre-Tin)				
ST740252-1	12-10	AVS 3.0~5.0	Brass(Unplate)	32.3	18.5	9.5	Ⓑ
ST740252-3			Brass(Pre-Tin)				

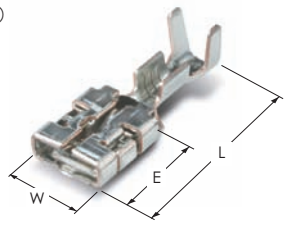
TERMINAL

Part No.	Wire Range		Material	Dimension(mm)			Type
	AWG	mm²	Finish	L	E	W	
ST730337-1	18-14	AVSS 0.85~2.0	Brass(Unplate)	27.2	12.0	11.0	Ⓒ
ST730337-3			Brass(Pre-Tin)				
ST730338-1	12-10	AVS 3.0~5.0	Brass(Unplate)	27.2	12.0	11.0	
ST730338-3			Brass(Pre-Tin)				
ST740340-1	12-10	AVS 3.0~5.0	Brass(Unplate)	32.3	18.5	9.5	Ⓓ
ST740340-3			Brass(Pre-Tin)				

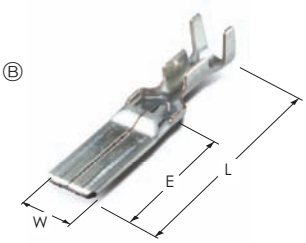
375(58L) CONNECTOR

TERMINAL

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Part No.	Wire Range		Material	Dimension(mm)			Type
	AWG	mm²	Finish	L	E	W	
ST730723-3	12	AVS 3.0	Copper Alloy (Pre-Tin)	29.0	13.0	11.3	Ⓐ
ST730722-3	10-8	AVS 5.0, AVS 8.0	Copper Alloy (Pre-Tin)	29.0	13.0	11.3	
ST731378-3	7	FLRY 10.0	Copper Alloy (Pre-Tin)	29.0	13.0	11.3	
ST731398-3	7	AEXF 10.0	Copper Alloy (Pre-Tin)	29.0	13.0	11.3	
ST731050-3	-	AEXF 8.0+8.0	Copper Alloy (Pre-Tin)	29.7	13.0	11.3	
ST740538-3	12	AVS 3.0	Copper Alloy (Pre-Tin)	40.0	20.5	9.5	Ⓑ
ST740539-3	10-8	AVS 5.0, AVS 8.0	Copper Alloy (Pre-Tin)	40.0	20.5	9.5	

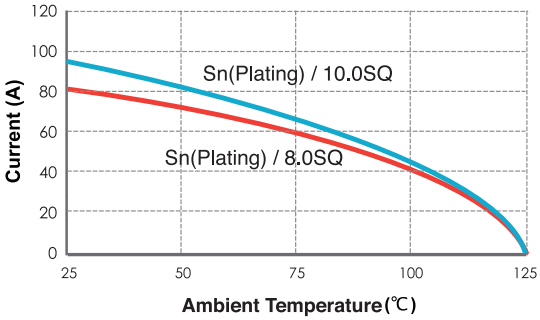
- Automobile connector designed to work in high voltage
- Suitable for Fusible-Link, Relay Box, etc.
- Double Locking system with a Rear Holder prevents incomplete terminal locking into housing.



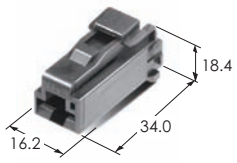
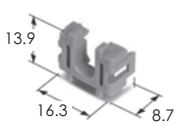
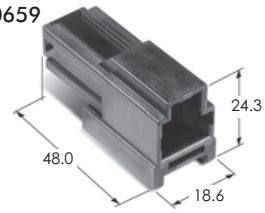
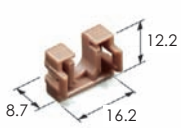
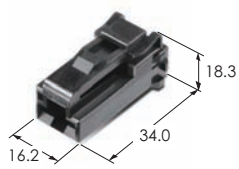
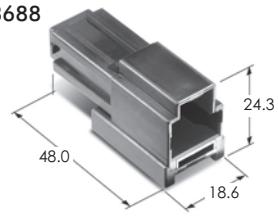
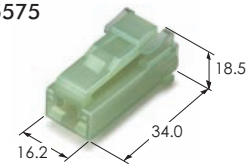
SPECIFICATIONS

Current Rating	60A
Temperature Range	-40 ~ 85℃
Contact Resistance	2mΩ Max(Initial)
Insulation Resistance	DC 500V 100MΩ Min
Wire Size	3.0 ~ 10.0mm²
Housing	PA66

DERATING CURVE

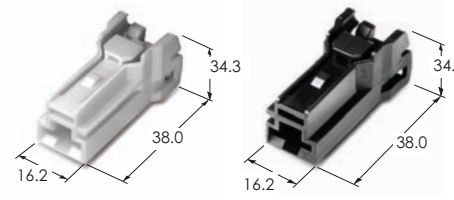
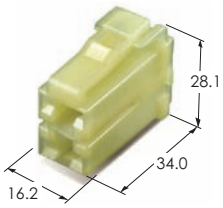
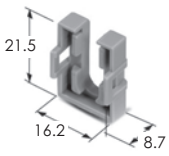
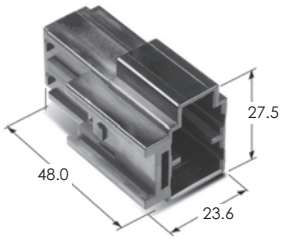
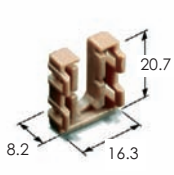
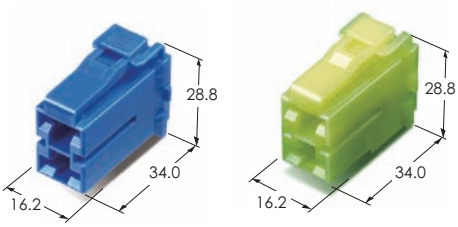
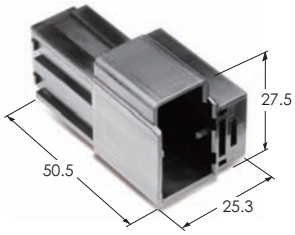
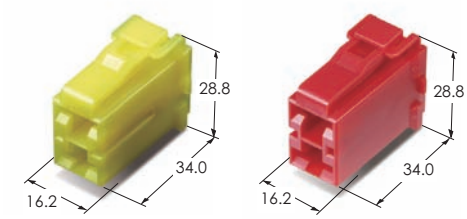
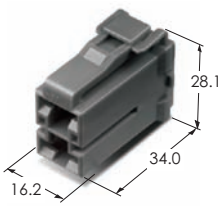
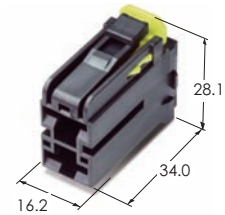
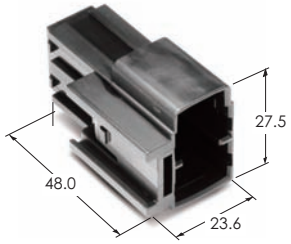


HOUSING

Poles	Female	Rear Holder	Male	Rear Holder
1	MG 610658 	MG 630660-4 	MG 620659 	MG 630661-7 
	MG 613689 		MG 623688 	
	MG 615575 			

375(58L) CONNECTOR

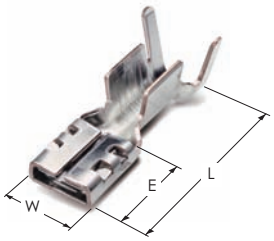
HOUSING

Poles	Female	Rear Holder	Male	Rear Holder
1	MG614449(L-TYPE) MG614450(R-TYPE) 			
2	MG610557 	MG630656-4 	MG620558 	MG630657-7 
	MG613130-2(L) MG613131-6 		MG625474 	
	MG613132-3(L) MG613133-1(R) 			
	MG613692 			
	MG655655 		MG625429 	

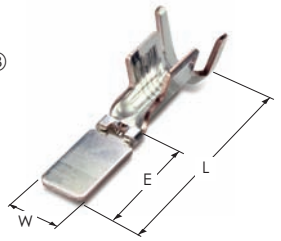
375 WP CONNECTOR

TERMINAL

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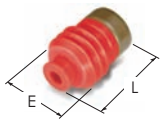


Part No.	Wire Range AWG	Wire Range mm²	Material Finish	Dimension(mm) L	Dimension(mm) ∈	Dimension(mm) W	Type
ST731392-S	7-5	AEX HSF 10.0~15.0	Copper Alloy (Ag)	33.0	12.0	11.3	Ⓐ
ST731452-3	7-5	AEXF AEXSF 10.0~15.0	Copper Alloy(Pre-Tin)	33.0	12.0	11.3	Ⓐ
ST741353-S	7-5	AEX HSF 10.0~15.0	Copper Alloy (Ag)	44.0	20.5	9.5	Ⓑ
ST741395-3	7-5	AEXF AEXSF 10.0~15.0	Copper Alloy(Pre-Tin)	44.0	20.5	9.5	Ⓑ

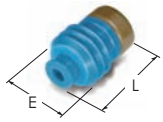
WIRE SEAL

Part No.	Wire Range mm²	Material	Color	Dimension(mm) L	Dimension(mm) ∈	Type
MG685429	AEXF 15.0	Silicone	Red	18.1	Ø13.6	Ⓒ
MG685442	AEXF 10.0	Silicone	Blue	18.1	Ø13.6	Ⓓ

Ⓒ



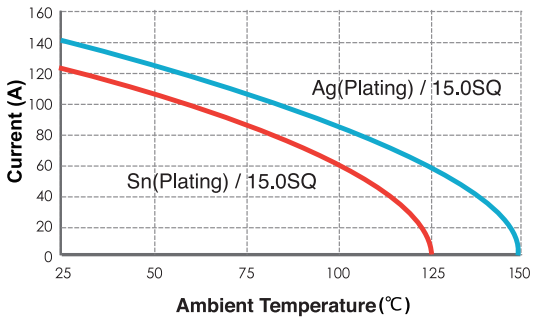
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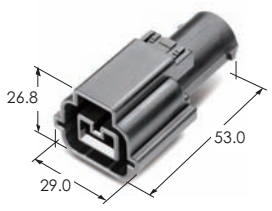
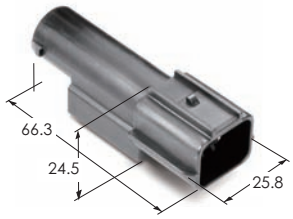
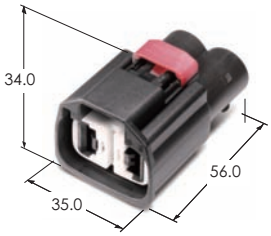
SPECIFICATIONS

Current Rating	60A
Temperature Range	-40 ~ 150℃
Contact Resistance	2mΩ Max(Initial)
Insulation Resistance	DC 500V 100MΩ Min
Wire Size	10.0 ~ 15.0mm²
Housing	P.B.T GF15

DERATING CURVE



HOUSING

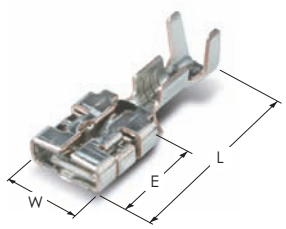
Poles	Female	Male	Rear Holder
1	MG656837 	MG625460 	MG635763 
2	MG645784 		

Suitable Terminal : 7116-5625-06(YAZAKI)
Suitable Wire Seal : 7158-3672-50(YAZAKI)-15SQ
: 7158-3713-70(YAZAKI)-10SQ

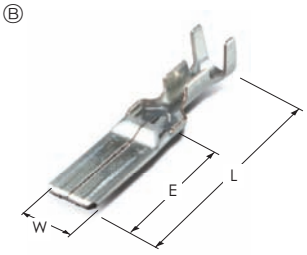
375(58Y) CONNECTOR

TERMINAL

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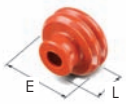


Part No.	Wire Range		Material	Dimension(mm)			Type
	AWG	mm²	Finish	L	E	W	
ST730723-3	12	AVS 3.0	Copper Alloy (Pre-Tin)	29.0	13.0	11.3	Ⓐ
ST730722-3	10-8	AVS 5.0, AVS 8.0	Copper Alloy (Pre-Tin)	29.0	13.0	11.3	
ST731378-3	7	FLRY 10.0	Copper Alloy (Pre-Tin)	29.0	13.0	11.3	
ST731398-3	7	AEXF 10.0	Copper Alloy (Pre-Tin)	29.0	13.0	11.3	
ST731050-3	-	AEXF 8.0+8.0	Copper Alloy (Pre-Tin)	29.7	13.0	11.3	
ST740538-3	12	AVS 3.0	Copper Alloy (Pre-Tin)	40.0	20.5	9.5	Ⓑ
ST740539-3	10-8	AVS 5.0, AVS 8.0	Copper Alloy (Pre-Tin)	40.0	20.5	9.5	
ST731394-3	7	FLRY 10.0	Copper Alloy (Pre-Tin)	40.0	20.5	9.5	

WIRE SEAL

Part No.	Wire Range mm²	Material	Color	Dimension(mm)		Type
				L	E	
MG683802	AVS 5.0 ~ 8.0	Silicone	Red	9.0	Ø13.6	Ⓒ
MG685469	AEXF 5.0	Silicone	Green	21.0	Ø13.6	Ⓓ

Ⓒ



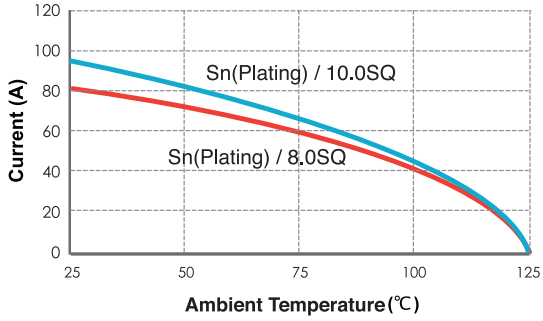
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SPECIFICATIONS

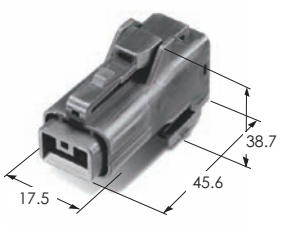
Current Rating	60A
Temperature Range	-40 ~ 125℃
Contact Resistance	2mΩ Max(Initial)
Insulation Resistance	DC 500V 100MΩ Min
Wire Size	3.0 ~ 10.0mm²
Housing	P.B.T

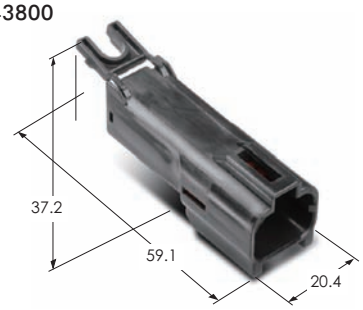
DERATING CURVE



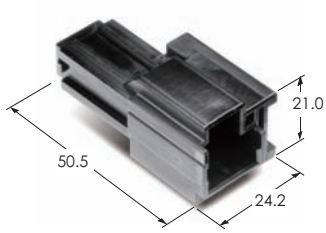
HOUSING

Poles	Female	Male
1	MG613801	MG643800





Male
MG625438

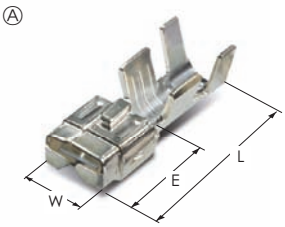


Suitable Terminal : ST740538, ST740539

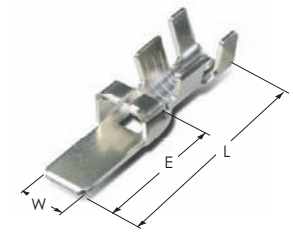
T375 CONNECTOR

TERMINAL

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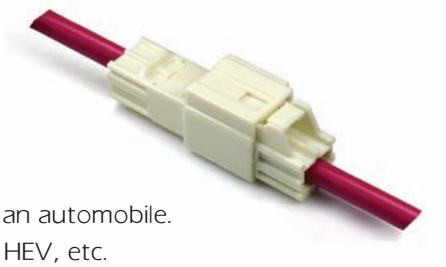


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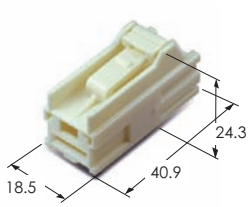
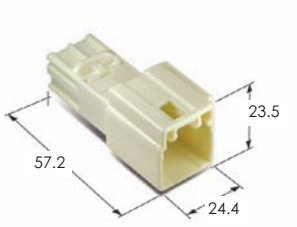
Part No.	Wire Range		Material	Dimension(mm)			Type
	AWG	mm^2	Finish	L	E	W	
7116-3095-02	8-6	8~15	Copper Alloy (Pre-Tin)	35.0	14.2	12.3	Ⓐ
7114-3095-02	8-6	8~15	Copper Alloy (Pre-Tin)	43.7	21.7	9.5	Ⓑ

(Terminal:YAZAKI)



- Connector designed for high voltage in an automobile.
- Suitable for Fusible-Link, Relay Box, BFT, HEV, etc.
- Double Locking system with a Side Holder prevents incomplete lock of a terminal when it is inserted into housing.

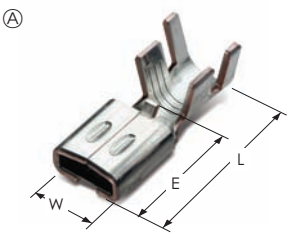
HOUSING

Poles	Female	Male
1	MG 653762 	MG 643765 

Suitable Terminal : 7116-3095-02, 7114-3095-02(YAZAKI)

375(950) CONNECTOR

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TERMINAL

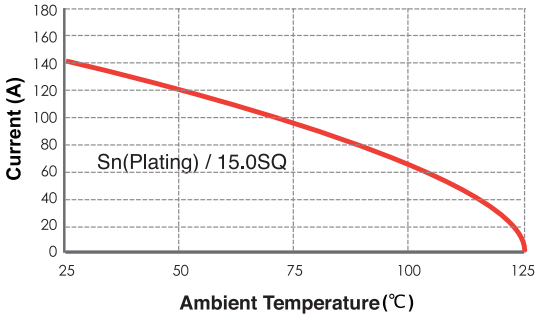
Part No.	Wire Range		Material	Dimension(mm)			Type
	AWG	mm²	Finish	L	E	W	
ST731133-3	8-6	AEXF 8.0~15.0	Copper Alloy (Pre-Tin)	29.4	13.2	12.3	Ⓐ
ST731134-3	4	AEXF 20.0	Copper Alloy (Pre-Tin)	29.4	13.2	12.3	

- Non Waterproof Connector with Tab Size 9.50mm
- Current Capacity of 80A (Max100A)
- High Conductivity and outstanding Temperature characteristic

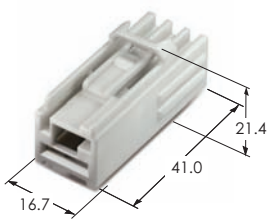
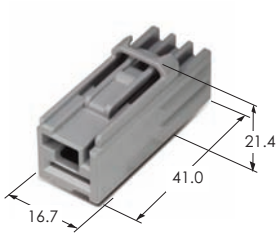
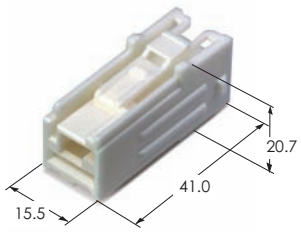
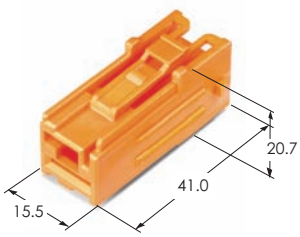
SPECIFICATIONS

Current Rating	80A
Temperature Range	-40 ~ 85℃
Contact Resistance	1mΩ Max(Initial)
Insulation Resistance	DC 500V 100MΩ Min
Wire Size	8.0 ~ 15.0mm²
Housing	P.B.T

DERATING CURVE

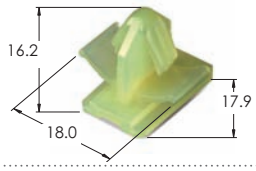
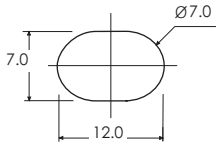
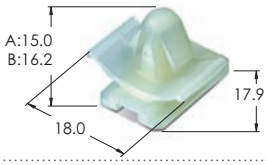
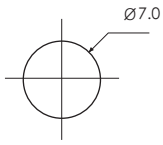
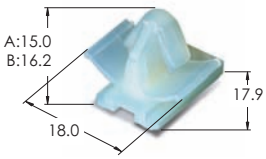
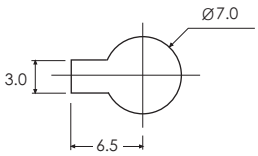
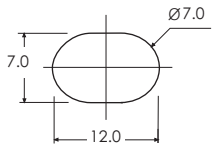
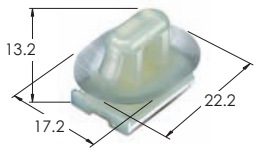
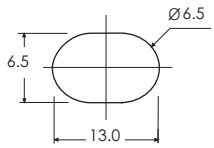
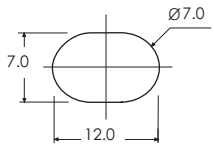
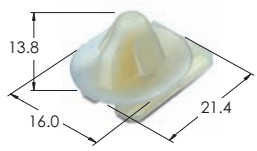
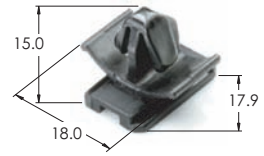
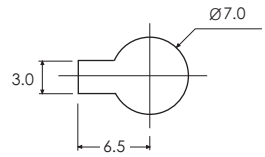
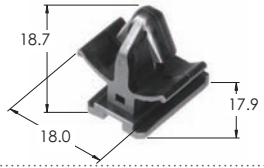


HOUSING

Poles	Female	
1	MG614140	MG615147-41
		
	Suitable Terminal : ST731133-3	Suitable Terminal : ST731133-3
	MG615593(D/L)	MG615594(D/L)
		

CONNECTOR CLIP

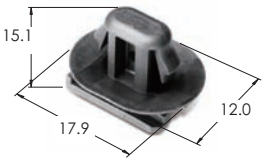
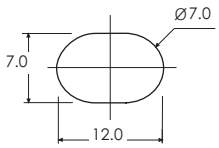
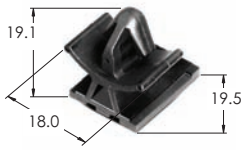
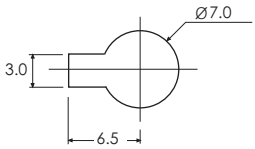
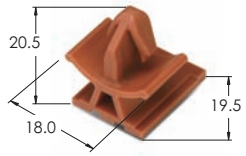
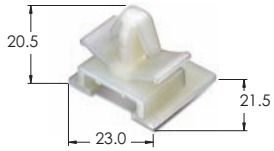
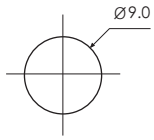
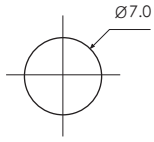
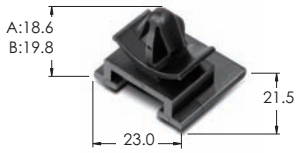
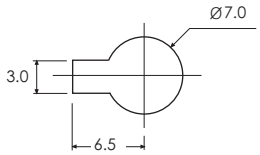
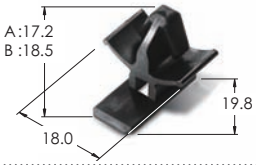
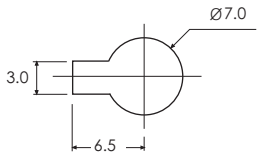
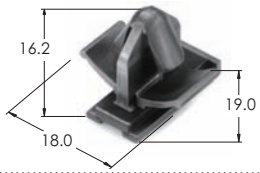
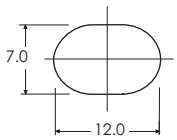
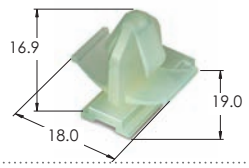
CLIP

Clip Form	Part No.	Bracket Thickness	Bracket Hole Size	Suitable Connecor
	MG631268	1.7~2.6mm		090II (92 page)
	MG631471(A) MG632019(B)	A : 0.7~1.6mm B : 2.0~3.0mm		
	MG631267(A) MG631929(B)	A : 0.7~1.6mm B : 1.7~2.6mm		
	MG633815	1.7~2.6mm		
	MG633862	0.7~1.6mm		
	MG634834	0.7~1.6mm		
	MG663492	0.6~1.6mm		
	MG632970	0.7~1.6mm		
	MG633870	0.7~1.6mm		
	MG635682	0.7~1.6mm		

CLIP

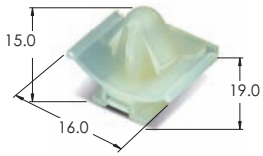
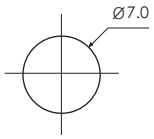
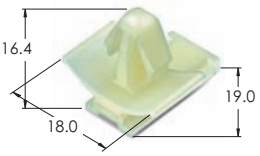
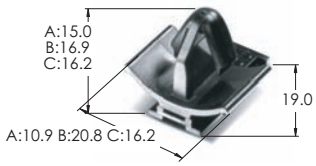
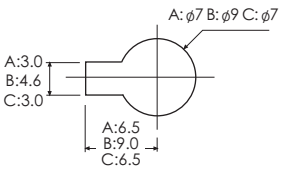
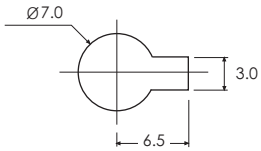
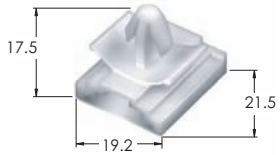
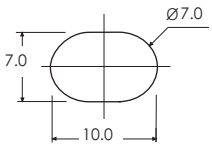
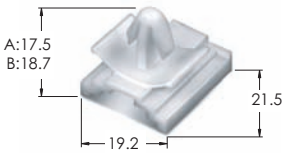
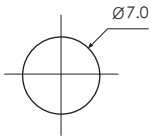
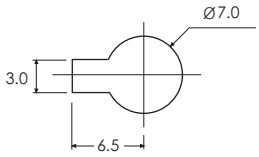
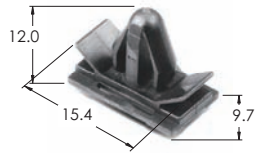
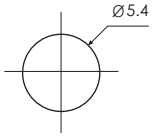
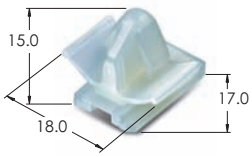
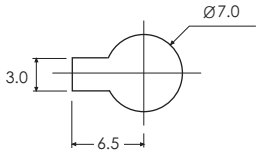
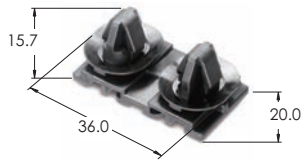
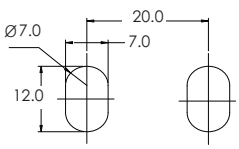
CONNECTOR CLIP

CLIP

Clip Form	Part No.	Bracket Thickness	Bracket Hole Size	Suitable Connecor
	MG 635707	2.7~3.6mm		**090II** (92 page)
	MG 630521	0.7~2.3mm		**110 WP(58W)** (115 page) **250 WP(58X)** (138 page)
	MG 635541-7	1.7~2.6mm		
	MG 632577	1.7~2.6mm		**312II WP** **1P,3P** (145 page)
	MG 632729	0.7~1.6mm		**312II WP 3P** (145 page) **HYBRID(LEVER TYPE)** **32P,38P** (176 page)
	MG 631970(A) MG 631984(B)	A : 0.7~1.6mm B : 2.0~3.0mm		**HYBRID(LEVER TYPE)** **32P** (176 page)
	MG 632278(A) MG 635843(B)	A : 0.7~1.6mm B : 2.0mm		**312II WP** **1P,2P** (145 page)
	MG 633713	1.7~2.6mm		**SSD** (61 page)
	MG 634647	0.7~1.6mm		**SWP** (82 page)
	MG 635716	2.5~3.5mm		

CONNECTOR CLIP

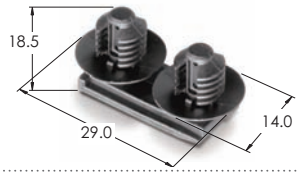
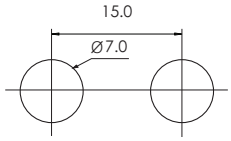
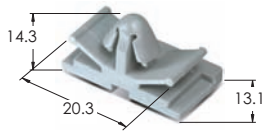
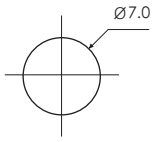
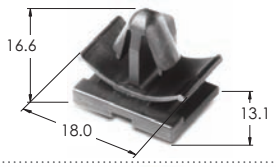
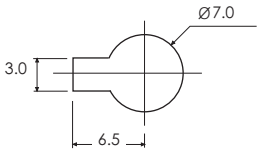
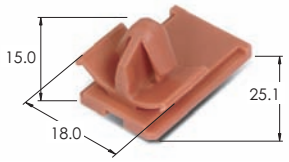
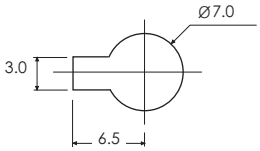
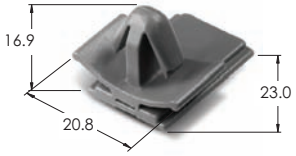
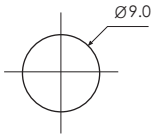
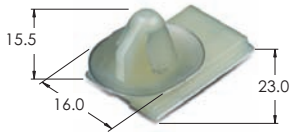
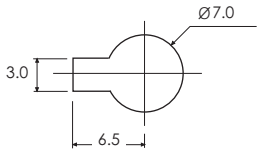
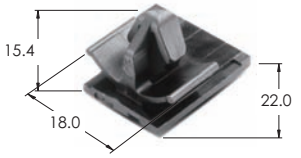
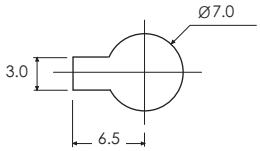
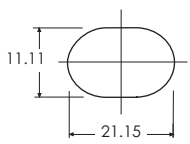
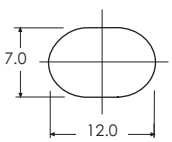
CLIP

Clip Form	Part No.	Bracket Thickness	Bracket Hole Size	Suitable Connecor
	MG 630922	0.7~1.6mm		**SDL** (78 page) **SWP** (82 page)
	MG 633061	2.0~3.0mm		**SSD** (61 page) **SDL** (78 page) **SWP** (82 page)
	MG 630418 (7ϕ–A) MG 630559 (9ϕ–B) MG 631467 (7ϕ–C)	A : 0.7~1.6mm B : 1.7~2.6mm C : 1.7~2.6mm		**SDL** (78 page) **SWP** (82 page)
	MG 664128	0.7~1.6mm		**SWP** (82 page)
	MG 631136	0.7~1.6mm		**187II** (126 page)
	MG 630973(A) MG 631874(B)	A : 0.7~1.6mm B : 1.7~2.6mm		
	MG 633195	0.7~1.6mm		
	MG 631850	0.7~1.8mm		**110(58T)** (113 page)
	MG 632579	0.7~1.6mm		**030(91A)**(45 page) **040WP(RK)**(52 page) **060(62C)**(70 page) **110(58T)**(113 page)
	MG 635681	2.0mm		**060110 HYBRID WP** (178 page)

CLIP

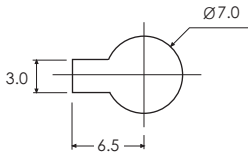
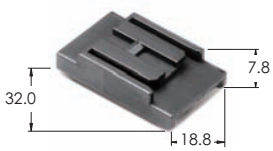
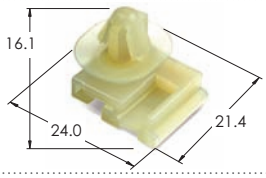
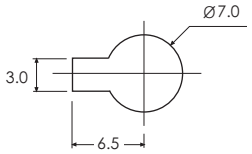
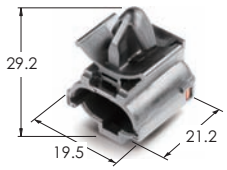
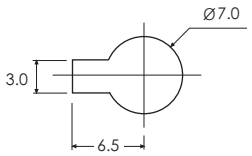
CONNECTOR CLIP

CLIP

Clip Form	Part No.	Bracket Thickness	Bracket Hole Size	Suitable Connecor
	MG635719	0.5~4.0mm		**060 FAKRA WP 15P** (77, 183 page)
	MG630459	0.1~1.6mm		**090** (89 page)
	MG630460	0.7~1.6mm		
	MG635389	1.3~2.6mm		
	MG631935-7	0.7~1.6mm		**250D/L** (135 page)
	MG630778-4	1.7~2.6mm		**375(58L)** (147 page)
	MG633294	0.7~1.6mm		
	MG633790	1.6~2.4mm		**375(58Y)** (150 page)
	MG635764	1.7~2.6mm		**060 FAKRA WP 15P** (77, 183 page)
	MG635715	2.0~3.0mm		**060375 WP 7P** (177 page)

CONNECTOR CLIP

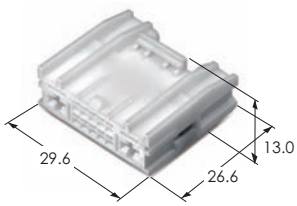
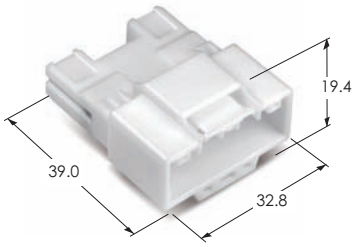
CLIP

Clip Form	Part No.	Bracket Thickness	Bracket Hole Size	Suitable Connecor
	MG635710	1.3~2.6mm		**090II** (92 page)
	MG635797	Ø4.9		**OUTSIDE MIRROR HOOK** (182 page)
	MG635717			**RELAY** (243 page)
	MG635786	0.7~1.6mm		**090II** (92 page)
	MG646005	Ø7.9		**SWP** (82 page)

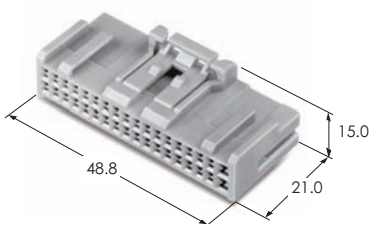
HYBRID CONNECTOR

- Double locking system eliminates terminal push-out (Housing lance, TPA)
- Stable/secure mating action between male and female connector
- Hybrid type connector using two different treminal Tab Size

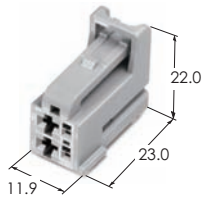
C025N110 HOUSING

Poles	Female	Male
12	MG656949  (C025 10P+N110 2P)	MG646115 

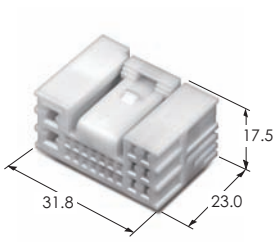
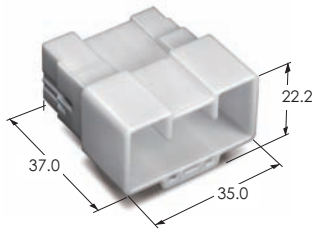
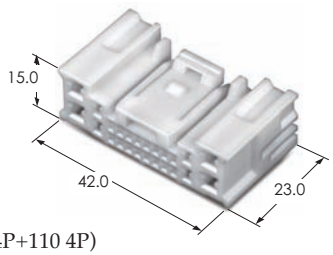
C025060 HOUSING

Poles	Female
36	MG656874  (C025 34P+060 2P)

C025110 HOUSING

Poles	Female
4	MG656916  (C025 2P+110 2P)

025II060110 HOUSING

Poles	Female	Male
22	MG655766  (025II 14P+060 6P+110 2P)	MG645808 
24	MG655767  (025II 16P+060 4P+110 4P)	MG645809 

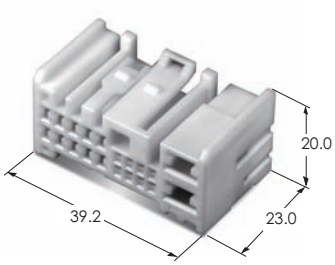
025II Female Suitable Terminal: **ST731374, ST731375**

025II Male Suitable Terminal: **ST741345, ST741346**

KET ENGINEERED

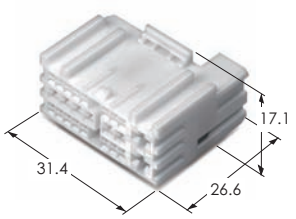
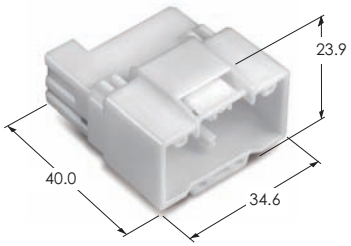
HYBRID CONNECTOR

025II060250 HOUSING

Poles	Female	Male
20	MG 655745  (025II 10P+060 8P+250 2P)	

025II Female Suitable Terminal: **ST 731374, ST 731375** 025II Male Suitable Terminal: **ST 741345, ST 741346**

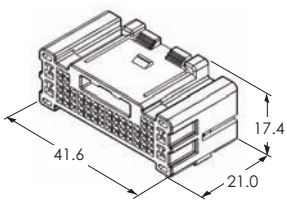
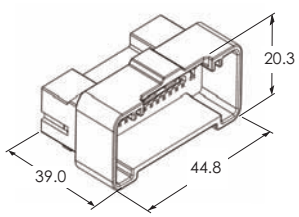
C025C060N110 HOUSING

Poles	Female	Male
24	MG 656948  (C025 16P+C060 6P+N110 2P)	MG 646114 

Suitable Female Terminal:
C025 - ST 731409, 731410 C060 - ST 731411, 731412, 721413
N110 - ST 731423, 731424, 731425, 731426

Suitable Male Terminal:
C025 - ST 741360, 741361 C060 - ST 741362, 741363, 741364
N110 - ST 741404, 741367, 741368, 741369

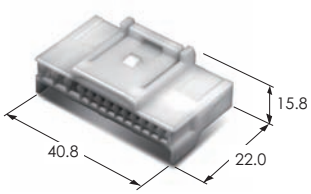
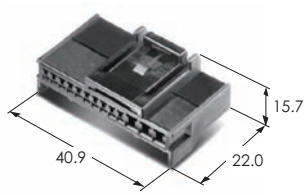
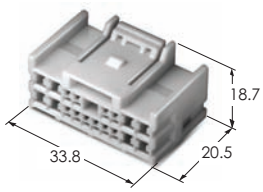
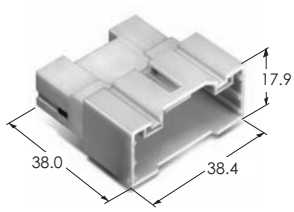
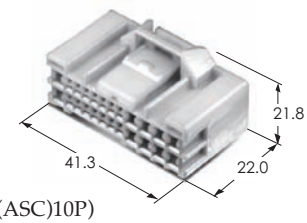
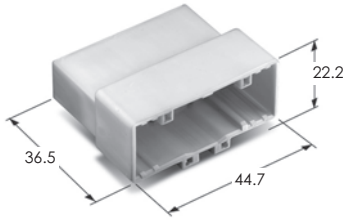
025IIN060 HOUSING

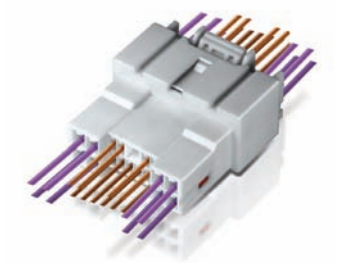
Poles	Female	Male
36	MG 656778  (025II 32P+N060 4P)	MG 645898 

Suitable Female Terminal:
025II - ST 731374, 731375 N060 - ST 731334, 731335, 731336

HYBRID CONNECTOR

0409 HOUSING

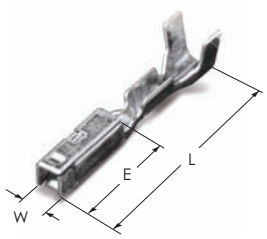
Poles	Female		Male
13	MG 653912  (040III 10P+090III 3P)	MG 654121  (040III 10P+090III 3P)	
18	MG 654429  (040III 10P+090III 8P)		MG 644426 
24	MG 652911  (040III 14P+090III(ASC)10P)		MG 643577 



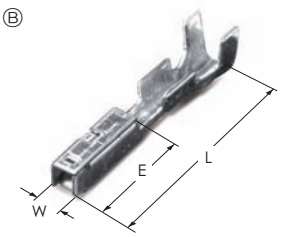
0509 TERMINAL

Part No.	Wire Range		Material	Dimension(mm)			Type
	AWG	mm^2	Finish	L	E	W	
ST730685-3	22-20	AVSS(CAVS) 0.3~0.5 CAVS 0.85	Copper Alloy Pre-Tin	14.9	6.2	1.8	Ⓐ
ST731010-3	24	CHFUS 0.22	Copper Alloy Pre-Tin	14.9	6.2	1.8	Ⓑ

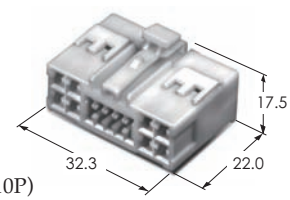
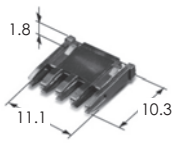
Ⓐ



Ⓑ



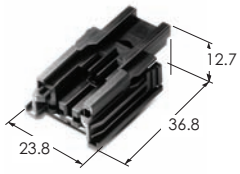
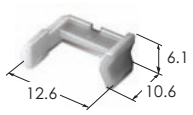
0509 HOUSING

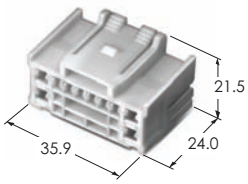
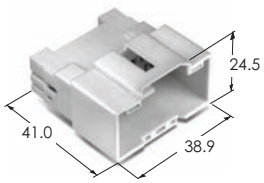
Poles	Female		Male
18	MG 651380  (090II 8P+050 10P)	MG 631383 	

HYBRID CONNECTOR

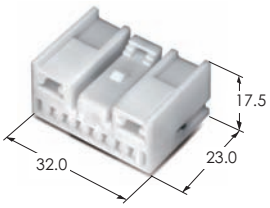
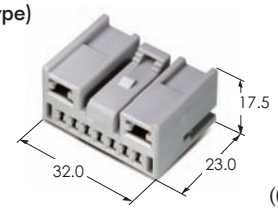
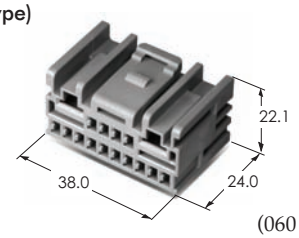
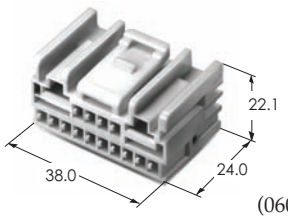
- Double locking system eliminates terminal push-out (Housing lance, TPA)
- Stable/secure mating action between male and female connector
- Hybrid type connector using two different treminal Tab Size

060110 HOUSING

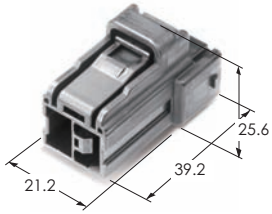
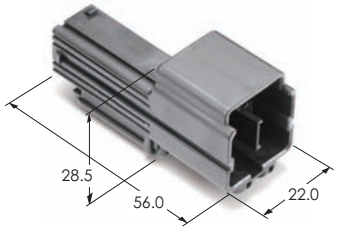
Poles	Female			
4	MG615541	MG635576(R/H)		
				
	(060 2P+110 2P)			
	Suitable Terminal : 110-ST731343, 060-ST731344			
10	MG655689(A Type)		MG655690-40(B Type)	
				
	(060 8P+110 2P)			

Poles	Female	Male
10	MG655203	MG645346
		
	(060 6P+110 4P)	

060250 HOUSING

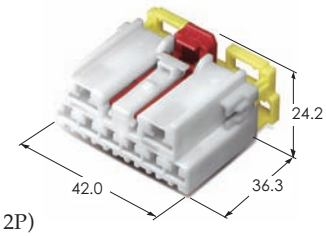
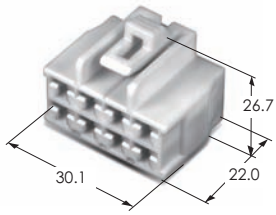
Poles	Female		
9	MG655687(A Type)	MG655688-40(B Type)	
			
			(060 7P+250 2P)
16	MG655141-41(A Type)	MG655140(B Type)	
			
	(060 14P+250 2P)		(060 14P+250 2P)

060375 HOUSING

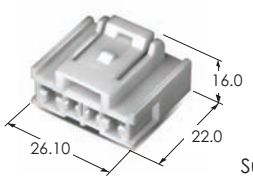
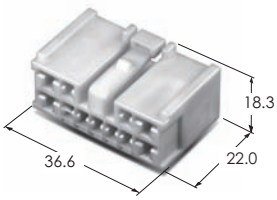
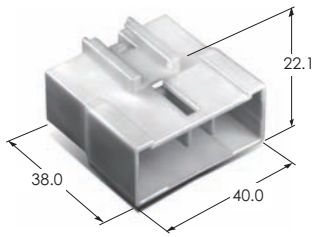
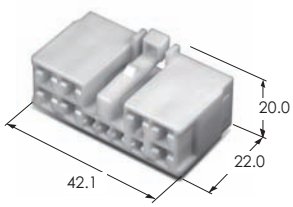
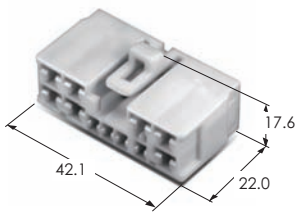
Poles	Female	Male
3	MG656921	MG646088
		
	(C060 2P+375 1P)	

HYBRID CONNECTOR

3118/187 HOUSING

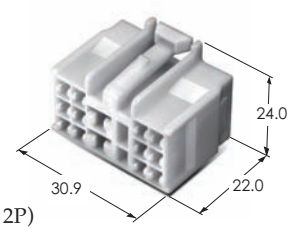
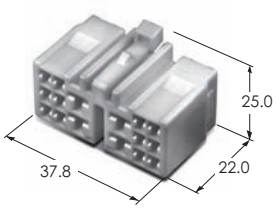
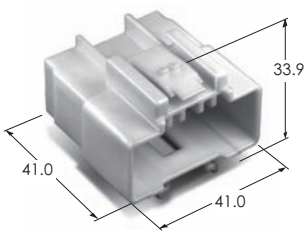
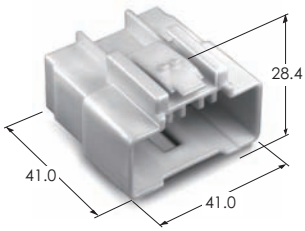
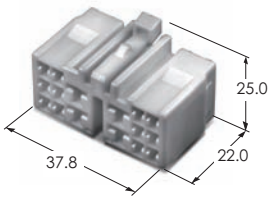
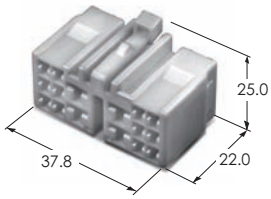
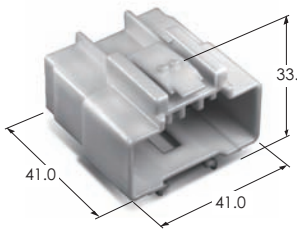
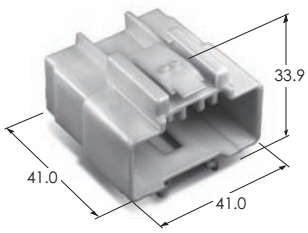
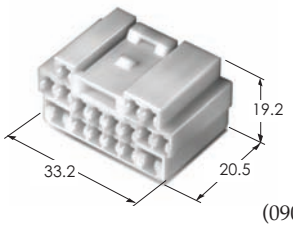
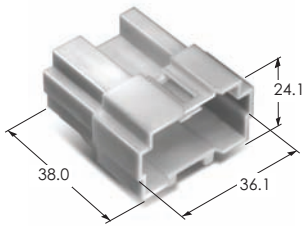
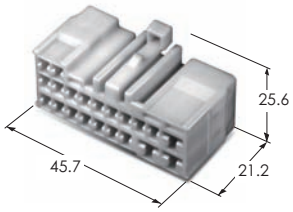
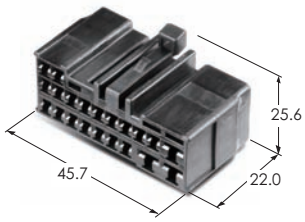
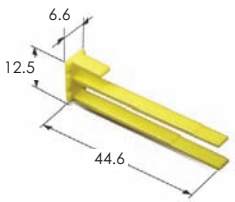
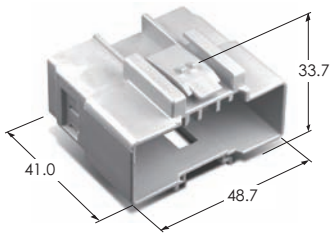
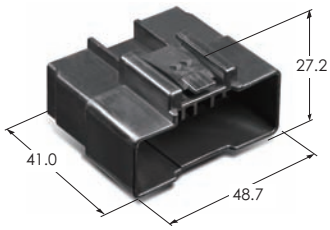
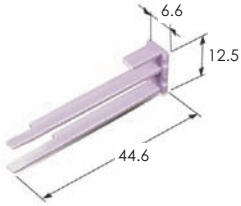
Poles	Female	
8	MG 650890(3118)  (187II 6P+312II 2P) Suitable Terminal : **ST730642, ST730643, ST730644, ST730645, ST730646**	MG 652220(187)  Suitable Terminal : **ST730644, ST730645, ST730646**

1809 HOUSING (090II+187II)

Poles	Female	Male
4	MG 614492  (090II 2P+187II 2P) Suitable Terminal : **090II-ST730675, ST730676, ST730677, ST731100** **:187II-ST730644, ST730645, ST730646**	
11	MG 651525  (090II 4P+187II 7P) Suitable Terminal : **090II-ST730675, ST730676, ST730677** **:187II-ST730644, ST730645, ST730646**	MG 641528 
	MG 652719  (090II 4P+187II 7P)	
	MG 651917  (090II 4P+187II 7P)	

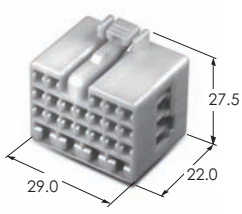
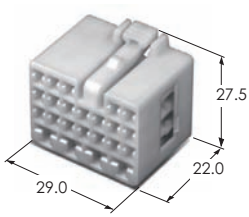
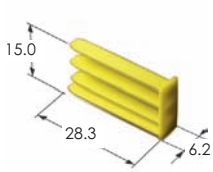
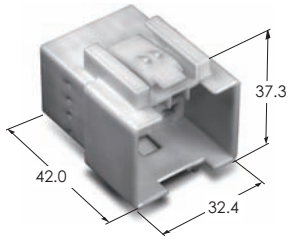
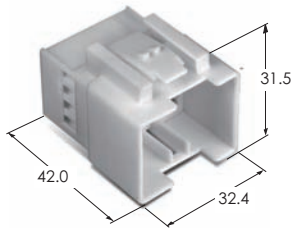
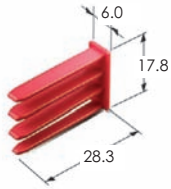
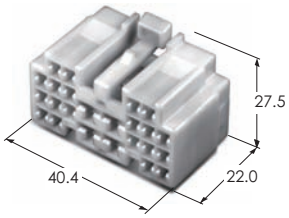
HYBRID CONNECTOR

1809 HOUSING (090II+187II)

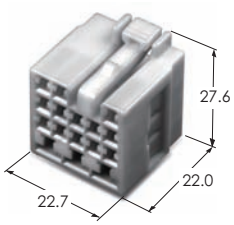
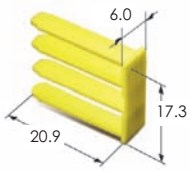
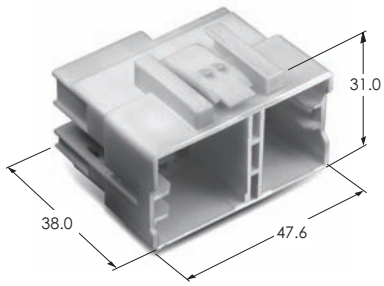
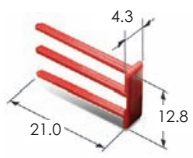
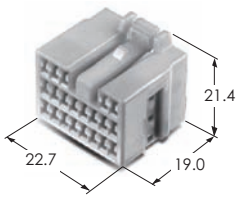
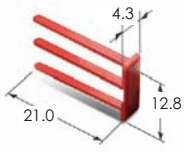
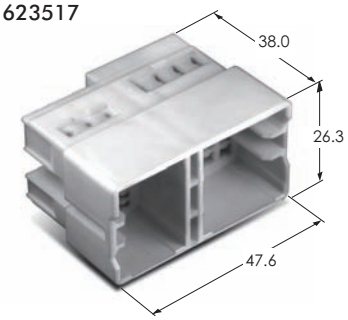
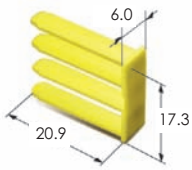
Poles	Female	Male
14	MG651379  (090II 12P+187II 2P)	
16	MG651006  (090II 12P+187II 4P)	MG641007  MG643624 
16	MG651881(L)  MG651882-3(R)  (090II 12P+187II 4P)	MG641883(L)  MG641884-3(R) 
17	MG614680  (090 15P+187 2P)	MG624681 
21	MG612102(A)  MG612103(B)  MG632131-3  (090II 18P+187II 3P)	MG622104(A)  MG622105(B)  MG632106-9 

HYBRID CONNECTOR

I809 HOUSING (090II+187II)

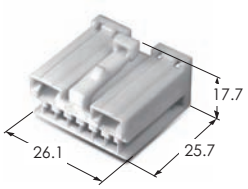
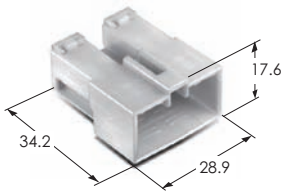
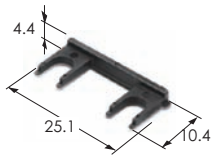
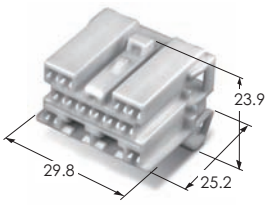
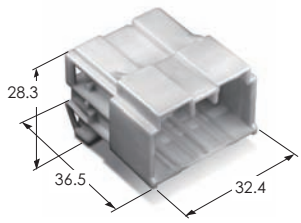
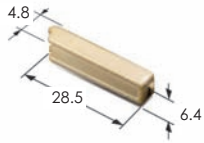
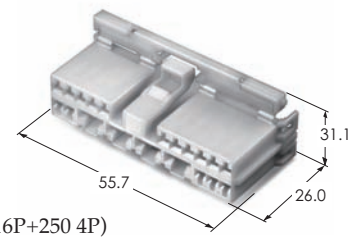
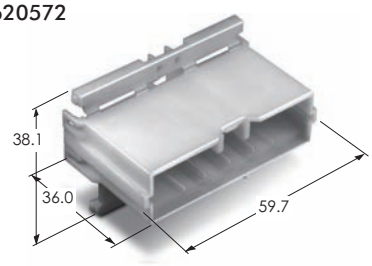
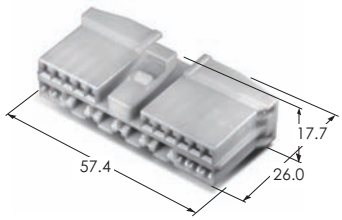
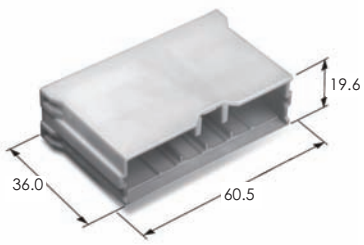
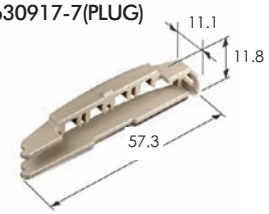
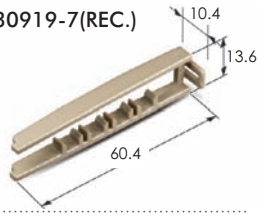
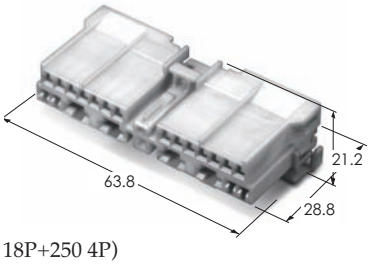
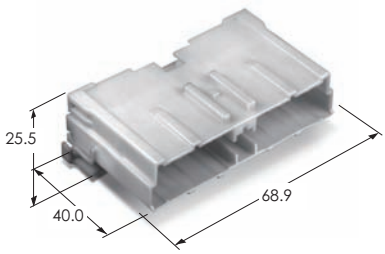
Poles	Female	Male
23	MG612469  MG613342  MG632470-3  (090III(ASC) 19P+187II 4P) Suitable Terminal: ST730775, ST730776, ST730777	MG622471  MG623341  MG632472-1 
24	MG652503  (090II 20P+187II 4P)	

I80905 HOUSING (050+090II+187II)

Poles	Female	Poles	Male
16	MG612391  MG632392-3  (090II 13P+187II 3P)	37	MG622390  MG631988-1 
21	MG611987  MG631988-1  (050 21P)		MG623517  MG632392-3 

HYBRID CONNECTOR

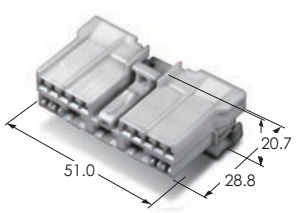
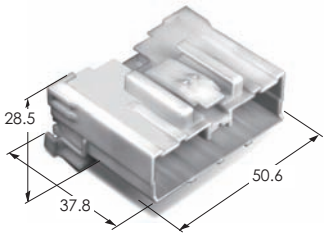
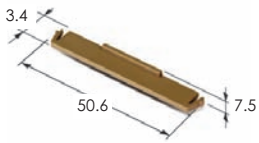
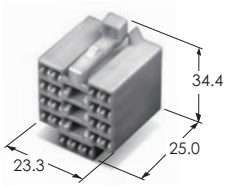
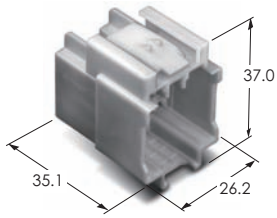
2507 HOUSING

Poles	Female	Male	Rear Holder
8	MG610802  (070 6P+250 2P)	MG620803  	MG630915-5 
14	MG610567  (070 12P+250 2P)	MG620568  	MG630611-7 
20	MG610571  (070 16P+250 4P)	MG620572  	
	MG610916  (070 16P+250 4P)	MG620918  	MG630917-7(PLUG)  MG630919-7(REC.) 
22	MG611133  (070 18P+250 4P)	MG621134  	MG631135-7 

250 Suitable Terminal: **ST730467, ST730468, ST730469**
ST740470, ST740471, ST740472

HYBRID CONNECTOR

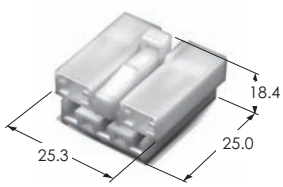
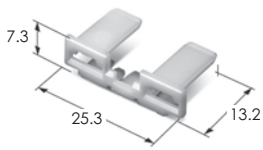
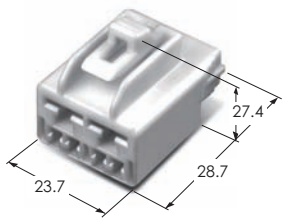
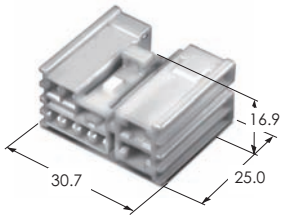
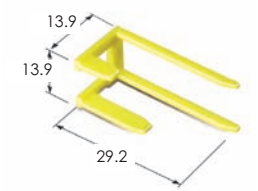
2507 HOUSING

Poles	Female	Male
17	MG610804  (070 14P+250 3P)	MG620805  MG630788-7 
22	MG610837  (070 19P+250 3P)	MG620838 

250 Suitable Terminal: **ST730267, ST730268, ST730269**
ST740253, ST740254, ST740255

- These are high-density, multi-pole connectors for mid-current carried in automobile circuits.
- It is a hybrid series incorporating types as 250+070, 187II+090 II, Power and signal lines are separated to improve assembly efficiency.
- Rear holders are employed in double and triple locking structures to prevent incomplete terminal locking and non-insertion.
- Locking structures have been improved for easier connection with less effort.

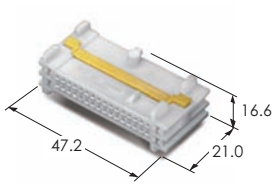
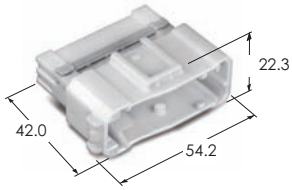
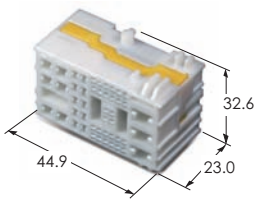
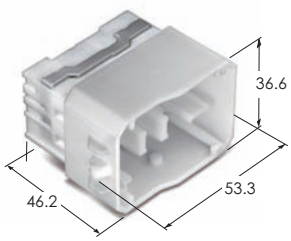
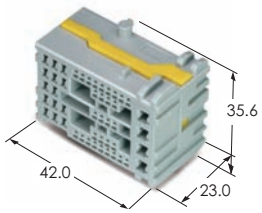
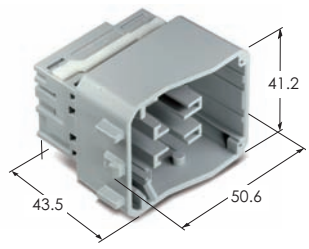
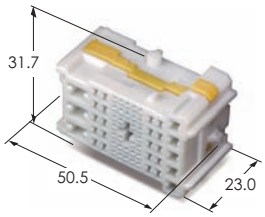
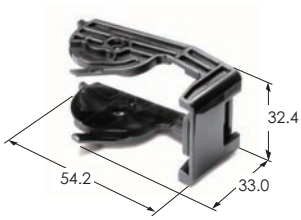
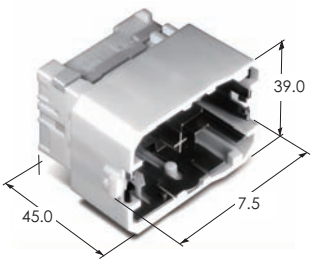
2509/3109 HOUSING

Poles	Female			
5	MG612919  (090III(ASC) 3P+250 2P)	MG632920  Suitable Terminal : **ST730921-3, 922-3, 923-3**	6	MG652037(.3109)  (312II 2P+090II 4P)
8	MG612493  (090III(ASC) 6P+250 2P)	MG632494-3  Suitable Terminal : **ST730916**		

HYBRID CONNECTOR(LEVER TYPE)

- Hybrid type using 025II+060+110+250 terminals.
- Improved connector locking reliablility with lever
- High productivity by easy connection at low force

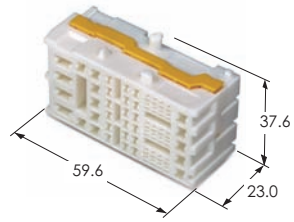
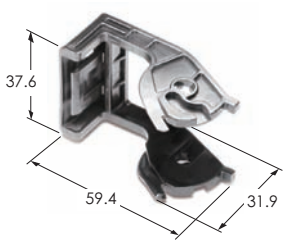
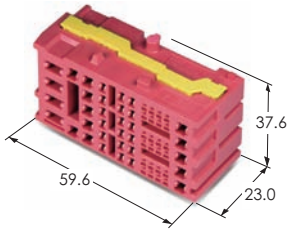
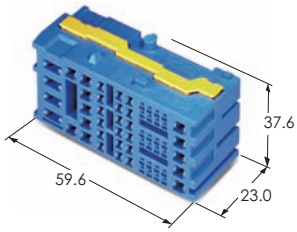
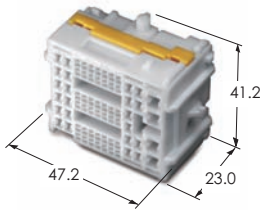
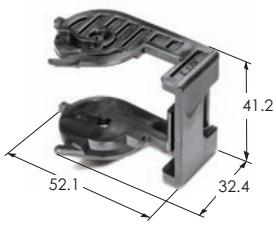
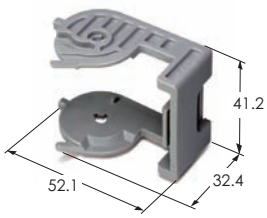
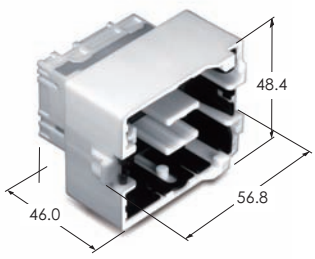
HOUSING (025II HYB)

Poles	Female	Lever	Male
36	MG655768  (025II 32P+060 4P)	MG635676 	MG645810 
47	MG655703  (025II 28P+060 10P+110 6P+250 3P)	MG635631  MG635853 	MG645751 
48	MG655763  (025II 30P+060 14P+110 4P)	MG635674 	MG645805 
58	MG655731  (025II 30P+060 20P+110 5P+250 3P)	MG635656 	MG645777 

HYBRID CONNECTOR(LEVER TYPE)

- Hybrid type using 025II+060+110+250 terminals.
- Improved connector locking reliablility with lever
- High productivity by easy connection at low force

HOUSING (025II HYB)

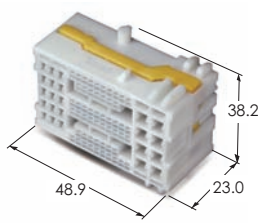
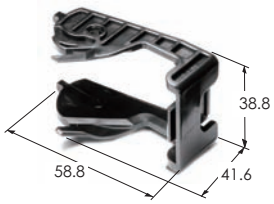
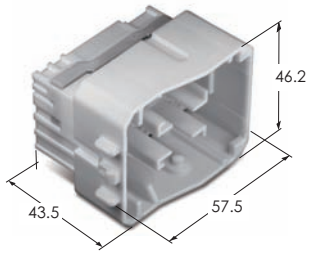
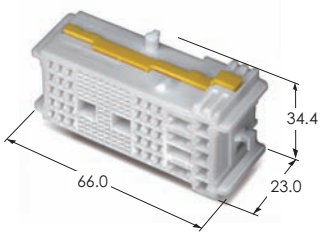
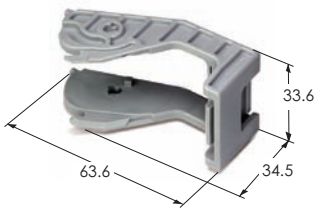
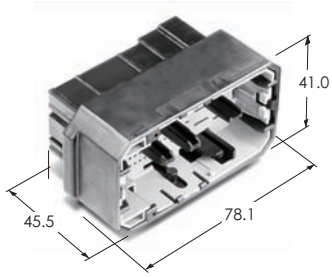
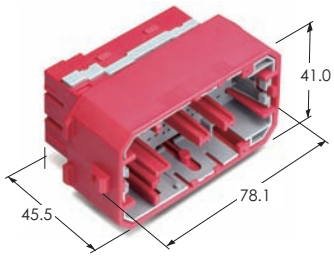
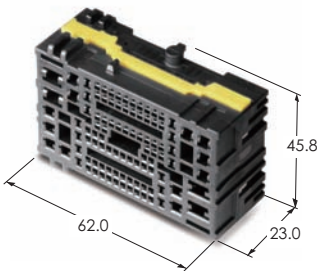
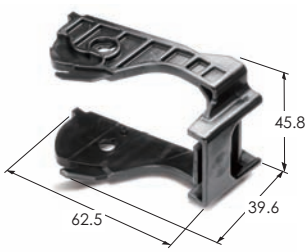
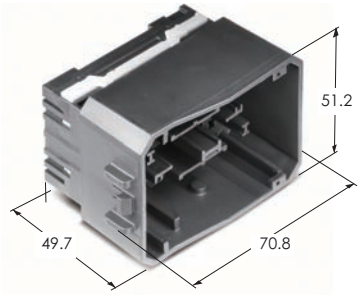
Poles	Female	Lever	Male
58	MG656800  (025II 24P+N060 18P+110 12P+250 4P)	MG635753 	
	MG656801-1  (025II 24P+N060 18P+110 12P+250 4P)		
	MG656802-2  (025II 24P+N060 18P+110 12P+250 4P)		
68	MG655730  (025II 52P+060 12P+110 4P)	MG635651  MG635736-4 	MG645775 

HYBRID CONNECTOR(LEVER TYPE)

- Hybrid type using 025II+060+110+250 terminals.
- Improved connector locking reliablility with lever
- High productivity by easy connection at low force

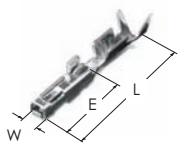
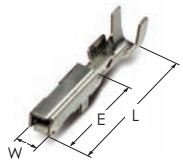
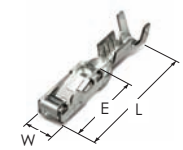
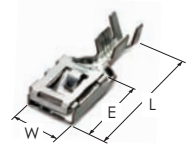
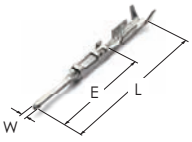
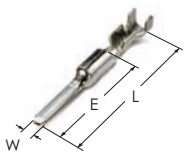
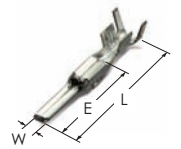
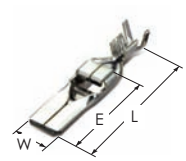


HOUSING (025II HYB)

Poles	Female	Lever	Male
77	MG655702  (025II 54P+060 15P+110 8P)	MG635630 	MG645756(CLIP-X), MG646122(CLIP-O) 
82	MG656790-1 MG656790-2  (025II 44P+060 30P+110 5P+250 3P)	MG635747-4 	MG645921-2  MG645922-1 
100	MG655701  (025II 70P+060 14P+110 12P+250 4P)	MG635629 	MG645755 

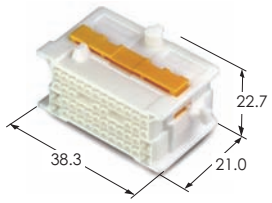
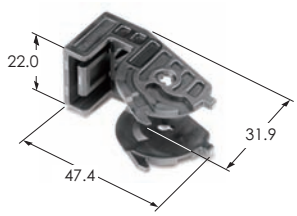
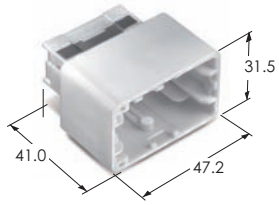
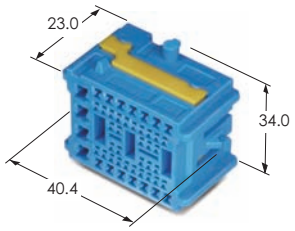
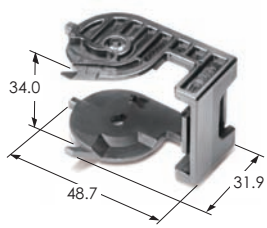
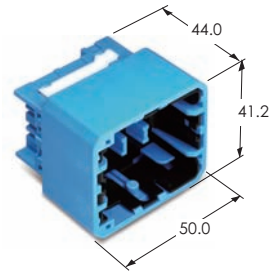
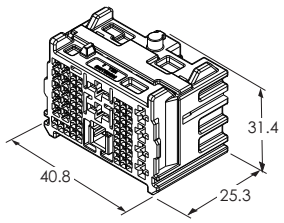
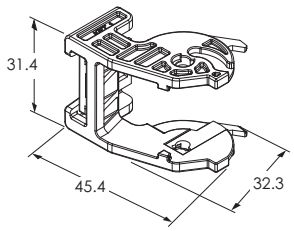
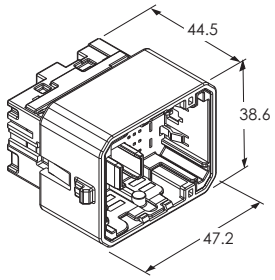
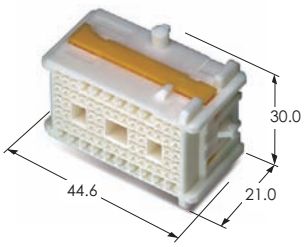
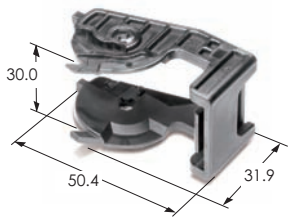
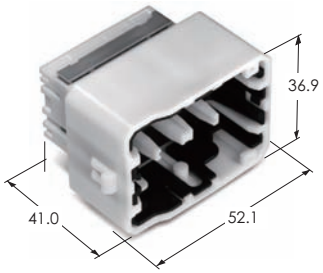
HYBRID CONNECTOR(LEVER TYPE)

SUITABLE TERMINAL(02511 HYB)

	Drawing	Series	Part No.	Wire Range		Material	Dimension(mm)		
				AWG	mm^2	Finish	L	E	W
FEMALE		02511	ST731374-3	24	CHFUS 0.22	Copper Alloy (Pre-Tin)	15.5	7.0	1.5
			ST731375-3	22-20	AVSS 0.3~0.5	Copper Alloy (Pre-Tin)	15.5	7.0	1.5
		N060	ST731334-3	24	CHFUS 0.22 AVSS 0.22	Copper Alloy (Pre-Tin)	16.2	8.5	2.2
			ST731335-3	22-20	AVSS 0.3~0.5	Copper Alloy (Pre-Tin)	16.2	8.5	2.2
			ST731336-3	18-16	AVSS 0.85~1.25	Copper Alloy (Pre-Tin)	16.2	8.5	2.2
		110	ST731279-3	22-20	AVSS 0.3~0.5	Copper Alloy (Pre-Tin)	19.3	9.5	4.0
			ST731280-3	18-16	AVSS 0.85~1.25	Copper Alloy (Pre-Tin)	19.3	9.5	4.0
			ST731281-3	14-12	AVSS 2.0 AVSS 3.0	Copper Alloy (Pre-Tin)	20.0	9.5	4.0
		250	ST731209-3	12-10	AVS 3.0 FLRY 2.5~4.0	Copper Alloy (Pre-Tin)	19.5	8.4	7.5
			ST731210-3	12-10	AVS1.0-2.0	Copper Alloy (Pre-Tin)	19.5	8.4	7.5
			ST731211-3	12-10	AVS 0.5-0.85	Copper Alloy (Pre-Tin)	19.5	8.4	7.5
MALE		02511	ST741345-3	24	CHFUS 0.22	Brass (Pre-Tin)	22.3	13.8	0.64
			ST741346-3	22-20	AVSS 0.3~0.5	Brass (Pre-Tin)	22.3	13.8	0.64
		N060	ST741331-3	24	CHFUS 0.22 AVSS 0.22	Brass (Pre-Tin)	22.7	15.0	1.5
			ST741332-3	22-20	AVSS 0.3~0.5	Brass (Pre-Tin)	22.7	15.0	1.5
			ST741333-3	18-16	AVSS 0.85~1.25	Brass (Pre-Tin)	22.7	15.0	1.5
		110	ST741285-3	22-20	AVSS 0.3~0.5	Brass (Pre-Tin)	27.3	17.5	3.8
			ST741286-3	18-16	AVSS 0.85~1.25	Brass (Pre-Tin)	27.3	17.5	3.8
			ST741287-3	14-12	AVSS 2.0 AVSS 3.0	Brass (Pre-Tin)	27.3	17.5	3.8
		250	ST741206-3	12-10	AVS 3.0 FLRY 2.5~4.0	Brass (Pre-Tin)	28.1	17.4	6.3
			ST741207-3	12-10	AVS1.0-2.0	Brass (Pre-Tin)	28.1	17.4	6.3
			ST741208-3	12-10	AVS 0.5-0.85	Brass (Pre-Tin)	28.1	17.4	6.3

HYBRID CONNECTOR(LEVER TYPE)

HOUSING (C025 HYB)

Poles	Female	Lever	Male
44	MG 656928  (C025 40P+C060 4P)	MG 635831  	MG 646095 
48	MG 656798-2  (C025 30P+C060 14P+110 4P)	MG 635751  	MG 645940-2 
49	MG 657013-1  (C025 33P+C060 10P+N110 4P+N250 2P)	MG 635887  	MG 646195-1 
68	MG 656799  (C025 52P+C060 16P)	MG 635752  	MG 645941 

Suitable Terminal: C025- ST731409, 731410 C060-ST731411, 731412, 731413
(FEMALE) N110- ST731424, 731425, 731426 N250- ST731428, 731429, 731430

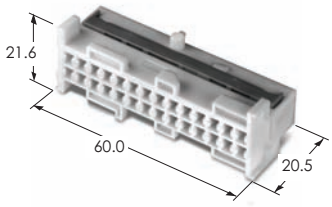
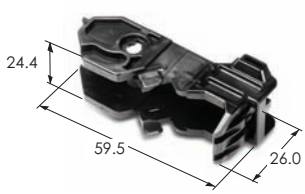
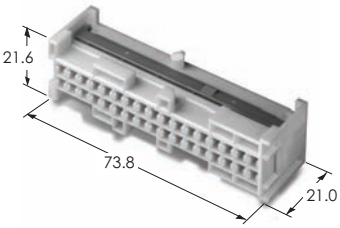
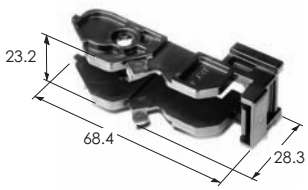
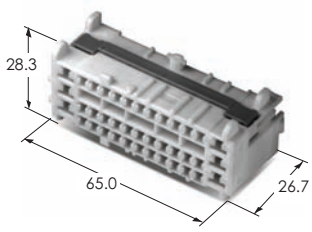
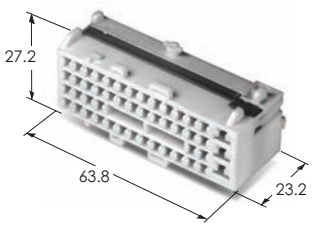
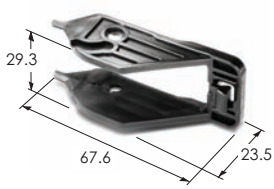
Suitable Terminal: C025- ST741360, 741361 C060-ST74362, 741463, 741364
(MALE) N110- ST741367, 741368, 741369 N250- ST741370, 741371, 741372

HYBRID CONNECTOR(LEVER TYPE)

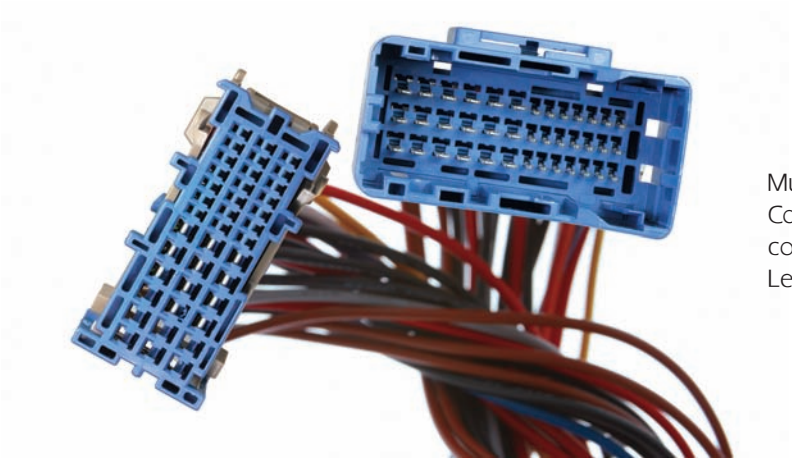
- Double locking function to prevent incomplete terminal connection.
- Improved connector locking reliablility with lever
- High productivity by easy connection at low force



HOUSING (090 HYB)

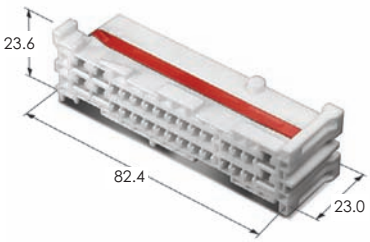
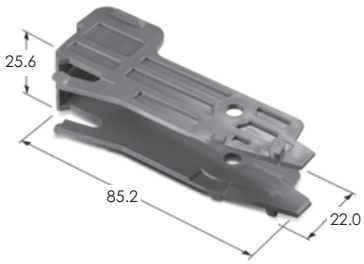
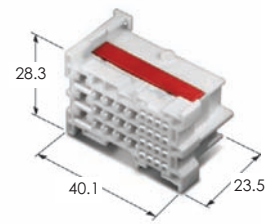
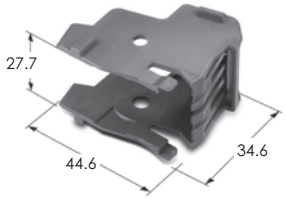
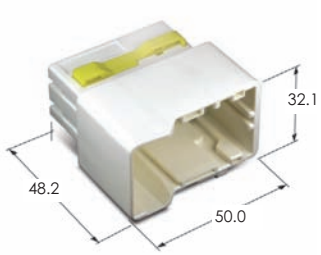
Poles	Female	Lever
28	MG 654642 	MG 634645  
34	MG 654793 	MG 634796  
39	MG 654797  (090 33P+187II 6P)	
48	MG 654911  (090 45P+187II 3P)	MG 634914  

HYBRID CONNECTOR(LEVER TYPE)



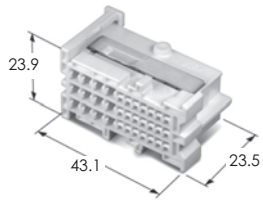
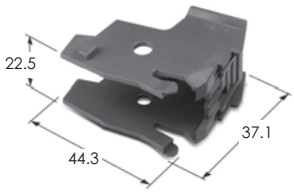
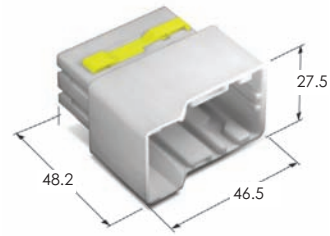
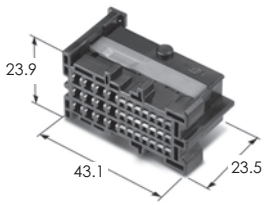
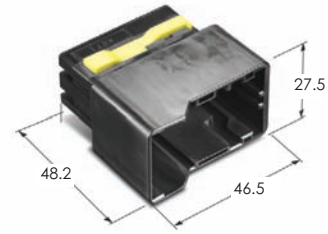
Multi-pole & Hybrid Type
Convenient for the separate /simultaneous connection of power supply & signal
Lever type - improved connection

HOUSING

Poles	Female	Lever	Male
30	MG 653512  (090III(ASC) 24P+187II 6P)	MG 633515-40  	
31	MG 653504  (040III 16P+090III(ASC) 12P+187II 3P)	MG 633510-40  	MG 643507 

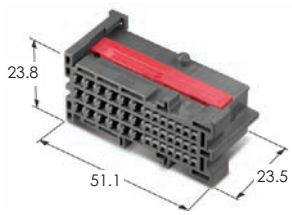
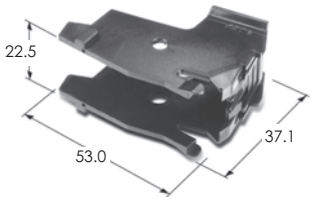
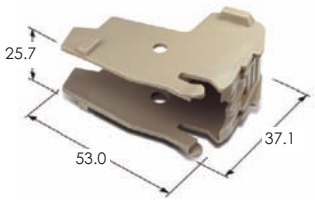
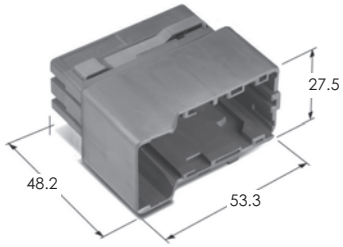
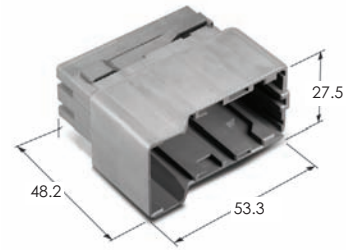
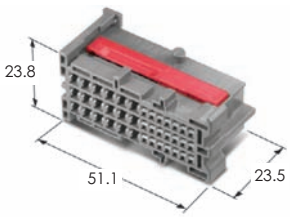
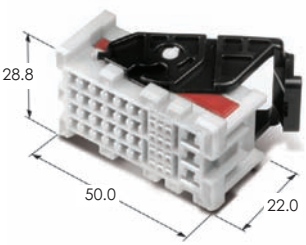
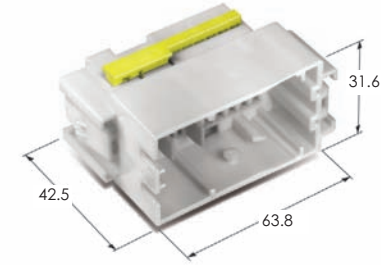
HYBRID CONNECTOR(LEVER TYPE)

HOUSING

Poles	Female	Lever	Male
33	MG653559  (040III 21P+090III(ASC) 12P)	MG633182-4  	MG643183 
	MG653561  (040III 21P+090III(ASC) 12P)		MG643396 

HYBRID CONNECTOR(LEVER TYPE)

HOUSING

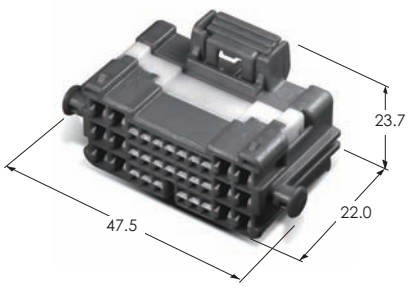
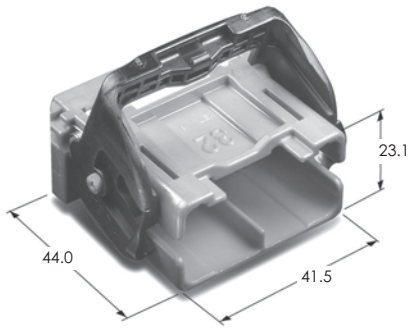
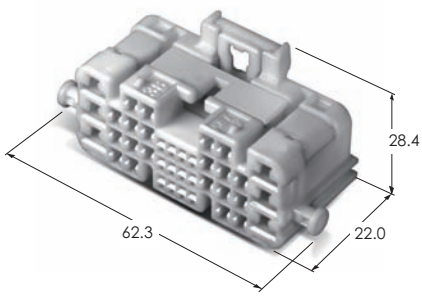
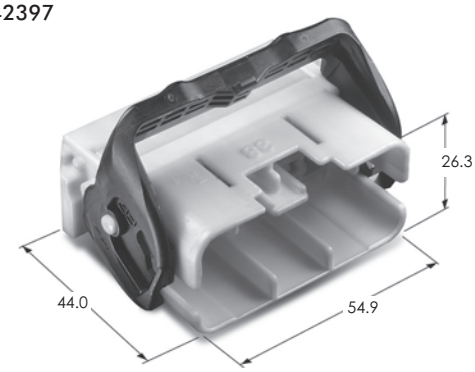
Poles	Female	Lever	Male
39	MG 653563-4  (040III 21P+090III(ASC) 18P)	MG 633567   MG 633786-7  MG 634762-5 	MG 643206-4  MG 643392-2 MG 643416-2(CLIP TYPE) 
	MG 653565-2  (040III 21P+090III(ASC) 18P)		
	MG 653930  (040III 12P+090II 24P+187II 3P)	MG 633928  	MG 643929 

HYBRID CONNECTOR(LEVER TYPE)

- Hybrid type using 040 III+090 II +187 II terminals.
- Double locking function to prevent incomplete terminal connection.
- Improved connector locking reliability with lever type.
- High productivity by easy connection at low force.



HOUSING(040III+090II+187II)

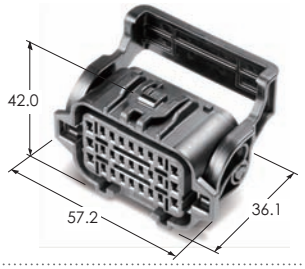
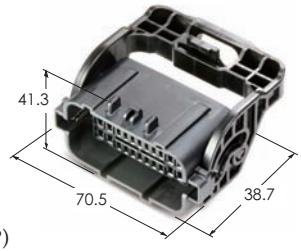
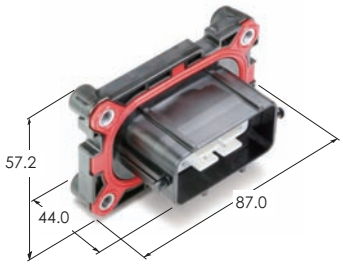
Poles	Female	Male
32	MG651711  (040III 20P+090II 12P)	MG641707 
38	MG652400  (040III 12P+090II 20P+187II 6P)	MG642397 

HYBRID WP CONNECTOR

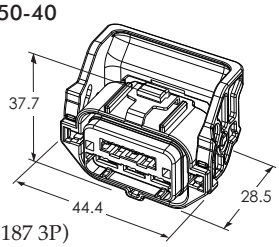


- Hybrid type using C025+060, N060+375 terminals.
- Improved connector locking reliablility with lever
- High productivity by easy connection at low force

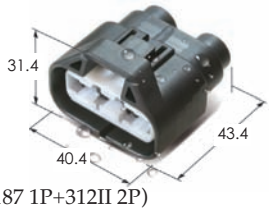
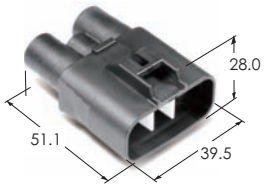
HOUSING(C025C060 WP)

Poles	Female	Male
27	MG 656891  (C025 21P+C060 6P)	MG 646049 
33	MG 656922  (C025 22P+C060 12P)	MG 646089 

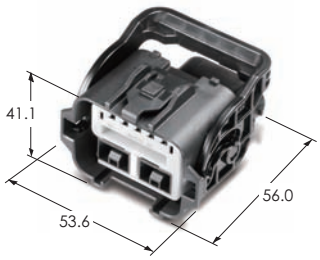
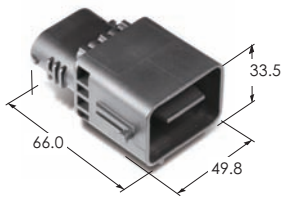
HOUSING(02511187 WP)

Poles	Female
8	MG 656850-40  (025II 5P+187 3P)

HOUSING(3118 WP)

Poles	Female	Male
3	MG 642925  (187 1P+312II 2P)	MG 646045 

HOUSING (N060375 WP)

Poles	Female	Male	Rear Holder
7	MG 645785  (N060 5P+375 2P)	MG 655740  MG 655740-N 	MG 635662 

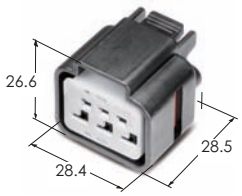
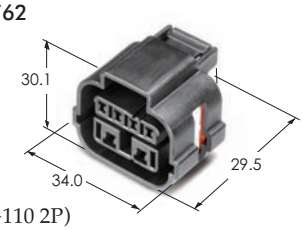
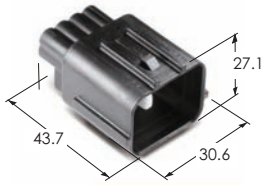
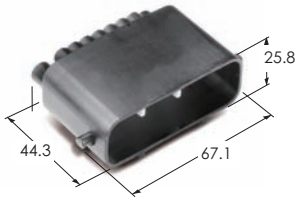
Suitable Terminal: 060F-ST731367,368,369 060M-ST741340,341,342
375F-ST731392-S,7116-5625-06(YZK) 375M-ST741353-S,7114-5623-06(YZK)

HYBRID WP CONNECTOR

- Hybrid type using 060+110, 060+375 terminals.
- Improved connector locking reliablility with lever
- High productivity by easy connection at low force

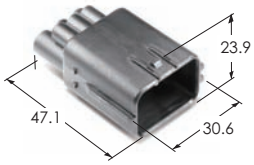


HOUSING (060110 WP)

Poles	Female	Male
6	MG 645744  (060 3P+110 3P) Suitable Wire Seal: MG 685400(110)	
6	MG 645762  (060 4P+110 2P)	MG 655715 
16	MG 645758  (060 14P+110 2P)	MG 655704 

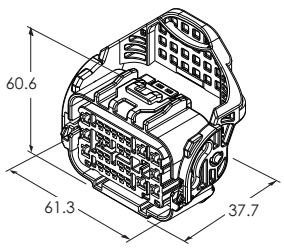
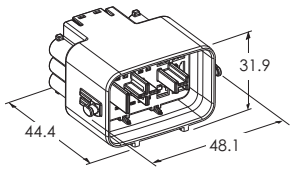
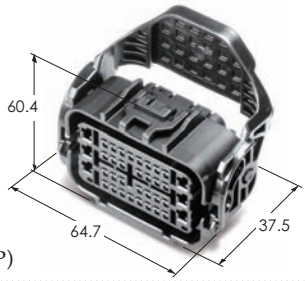
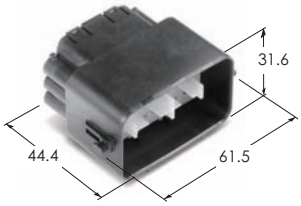
Suitable Terminal: 060- ST 731367, ST 731368, ST 731369 110- ST 731152, ST 731153

HOUSING (C060N110 WP)

Poles	Female	Male
6	MG 656942  (C060 3P+N110 3P)	MG 646078 

Suitable Terminal: C060- ST 731438, ST 731439 N110- ST 731456, ST 731472

HOUSING (C060110 WP)

Poles	Female	Male
26	MG 657011  (C060 18P+110 8P)	MG 646193  Suitable Terminal: C060- ST 731445 110- ST 731152, ST 731153
36	MG 657000  (C060 30P+110 6P)	MG 646178  Suitable Terminal: C060- ST 731444, ST 731445 110- ST 731152, ST 731153

FAKRA HYBRID CONNECTOR

SUITABLE TERMINAL

FEMALE	C025	: ST731409, ST731410
	N060	: ST731411, ST731412, ST731413
	110	: ST731279, ST731280, ST731281

MALE	C025	: ST741360, ST741361
	N060	: ST741362, ST741463, ST741364
	110	: ST741285, ST741286, ST741287

FAKRA TERMINAL

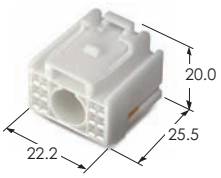
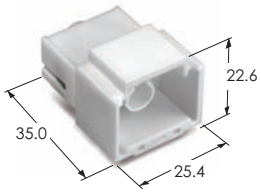
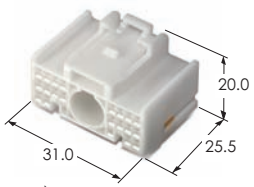
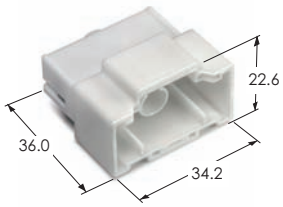
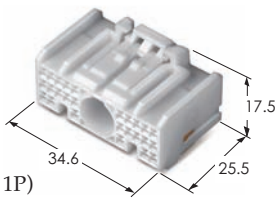
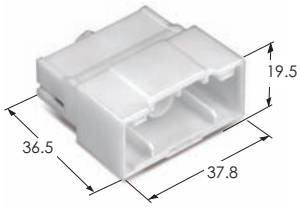
Ø3.0 FAKRA STRAIGHT JACK

Poles	Description	Drawing	Part No.
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	TERMINAL		KR20301-20
	SLEEVE		KR00404-20

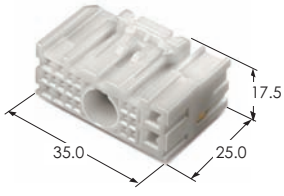
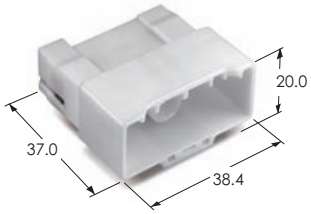
Ø3.0 FAKRA STRAIGHT PLUG

Poles	Description	Drawing	Part No.
01	PLUG		KR30201-20
	TERMINAL		KR30301-20
	SLEEVE		KR00404-20

HOUSING(025 FAKRA)

Poles	Female	Male
13	MG 656841  (C025 12P+FAKRA 1P)	MG 645991 
21	MG 656839  (C025 20P+FAKRA 1P)	MG 645987 
27	MG 656856  (C025 26P+FAKRA 1P)	MG 646004 

HOUSING(C025060110 FAKRA)

22	MG 656846  (C025 15P+C060 4P+110 2P+FAKRA 1P)	MG 645996 

FAKRA HYBRID CONNECTOR(LEVER TYPE)

SUITABLE TERMINAL

FEMALE	C025	ST731409, ST731410
	N060	ST731411, ST731412, ST731413
	110	ST731279, ST731280, ST731281

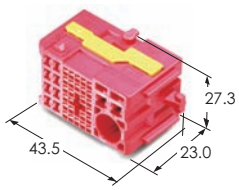
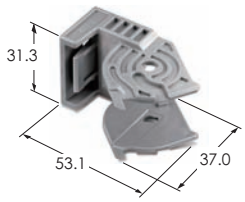
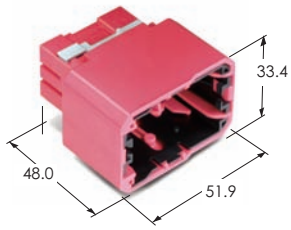
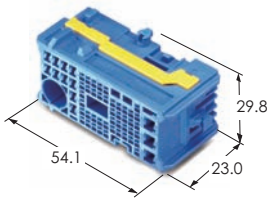
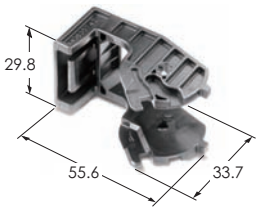
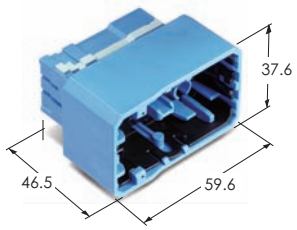
MALE	C025	ST741360, ST741361
	N060	ST741362, ST741463, ST741364
	110	ST741285, ST741286, ST741287

FAKRA TERMINAL

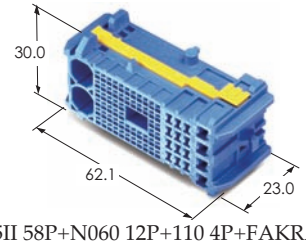
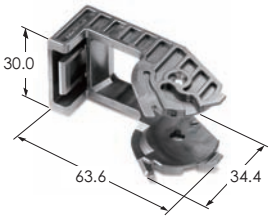
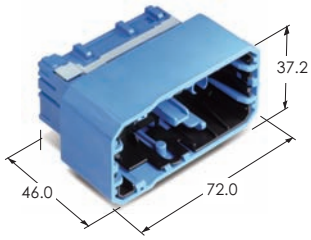
JACK		
FAKRA STRAIGHT JACK OUTER CONTACT (HY)		KR20202-20
FAKRA STRAIGHT JACK TERMINAL (Ø3.0)		KR20301-20
FAKRA GUIDE SLEEVE (Ø3.0)		KR00404-20

PLUG		
FAKRA STRAIGHT PLUG OUTER CONTACT (Ø3.0)		KR30201-20
FAKRA STRAIGHT PLUG TERMINAL (Ø3.0)		KR30301-20
FAKRA GUIDE SLEEVE (Ø3.0)		KR00404-20

HOUSING (025II060II0 FAKRA)

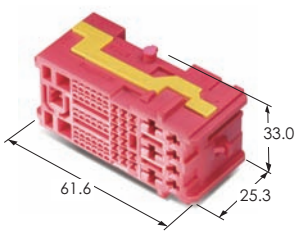
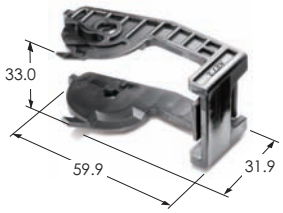
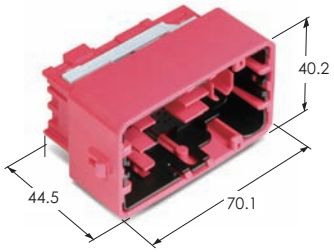
Poles	Female	Lever	Male
36	MG656781-1  (025II 25P+060 8P+110 2P+FAKRA 1P)	MG635739-4 	MG645911-1 
58	MG656782-2  (025II 44P+060 10P+110 3P+FAKRA 1P)	MG635742 	MG645912-2 

HOUSING (025IINO60II0 FAKRA)

Poles	Female	Lever	Male
76	MG656783-2  (025II 58P+N060 12P+110 4P+FAKRA 2P)	MG635743 	MG645913-2 

FAKRA HYBRID CONNECTOR(LEVER TYPE)

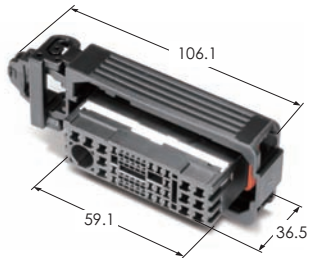
HOUSING (C025N060NIION250 FAKRA)

Poles	Female	Lever	Male
54	MG 656907-1  (C025 30P+N060 16P+N110 4P+N250 3P+FAKRA 1P)	MG 635821 	MG 646068-1 

Suitable Terminal: C025- ST731409-3, 731410-3 N060-ST731411-3, 731412-3, 731413-3
(FEMALE) N110- ST731424-3, 731425-3, 731426-3 N250- ST731428-3, 731429-3, 731430-3

Suitable Terminal: C025- ST741360-3, 741361-3 N060-ST74362-3, 741463-3, 741364-3
(MALE) N110- ST741367-3, 741368-3, 741369-3 N250- ST741370-3, 741371-3, 741372-3

HOUSING (FRONT DOOR)

Poles	Female	Male
45	MG 655808  (025II 20P+N060 13P+110 11P+FAKRA 1P)	MG 645857 

FAKRA HYBRID CONNECTOR

SUITABLE TERMINAL

FEMALE	**025WP** : ST731363-3, ST731364-3
MALE	**025WP** : ST741337, ST741338

FAKRA TERMINAL

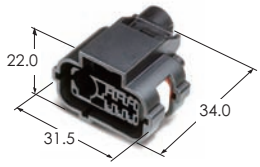
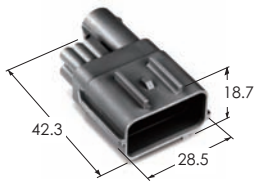
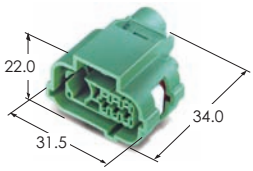
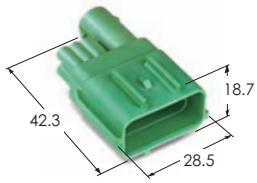
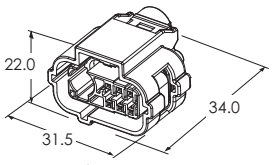
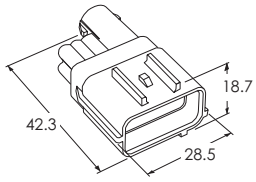
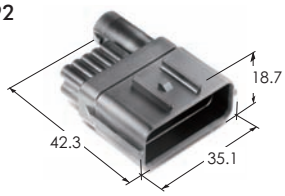
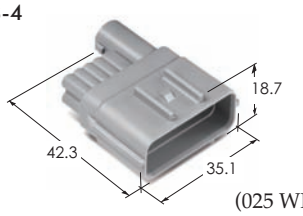
Ø3.0 FAKRA STRAIGHT JACK

Poles	Description	Drawing	Part No.
01	JACK		KR20202-20
	TERMINAL		KR20301-20
	SLEEVE		KR00403-20 KR00801-20

Ø3.0 FAKRA STRAIGHT PLUG

Poles	Description	Drawing	Part No.
01	PLUG		KR30201-20
	TERMINAL		KR30301-20
	SLEEVE		KR00403-20 KR00801-20

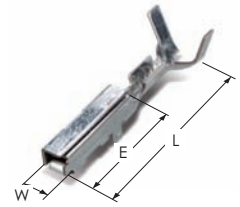
HOUSING (AVM 025 WP TYPE)

Poles	Female	Male	Rear Holder
7	MG 656779  (025 6P+FAKRA 1P)	MG 645909 	
	MG 656780  (025 6P+FAKRA 1P)	MG 645910 	
	MG 656834  (025 6P+FAKRA 1P)	MG 645981 	MG 635740 
11	MG 656842  (025 WP 10P+FAKRA WP 1P)	MG 645992  (025 WP 10P+FAKRA WP 1P)	FEMALE/MALE Suitable Wire Seal: MG685387, MG685388, Suitable Dummy Seal: 025-MG685416 FAKRA-MG685476
		MG 646048-4  (025 WP 10P)	

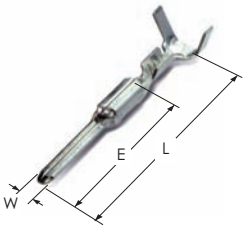
FAKRA HYBRID CONNECTOR

TERMINAL

Ⓐ



Ⓑ



Part No.	Wire Range AWG	Wire Range mm²	Material Finish	Dimension(mm) L	E	W	Type
ST731368-3	22-20	AEXF(AVSSXF) 0.3~0.5	Copper Alloy (Pre-Tin)	17.5	8.5	2.2	Ⓐ
ST731369-3	18-16	AEXF(AVSSXF) 0.85~1.25	Copper Alloy (Pre-Tin)	17.5	8.5	2.2	
ST741341-3	22-20	AEXF(AVSSXF) 0.3~0.5	Brass (Pre-Tin)	24.7	15.7	1.5	Ⓑ
ST741342-3	18-16	AEXF(AVSSXF) 0.85~1.25	Brass (Pre-Tin)	24.7	15.7	1.5	



WIRE SEAL

Part No.	Wire Range mm²	Material	Color	Type
MG685390	AVSSXF 0.3~0.5	Silicone	Red	Ⓒ
MG685391	AEXF 0.3~0.5 AVSSXF 0.85~1.25	Silicone	Green	
MG685392	AEXF 0.85	Silicone	Black	
MG685393	AEXF 1.25	Silicone	Gray	
MG685394	Dummy Seal	Silicone	Green	Ⓓ
MG685476	Dummy Seal	Silicone	Green	

Ⓒ



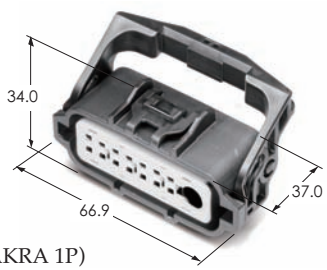
Ⓓ



FAKRA TERMINAL

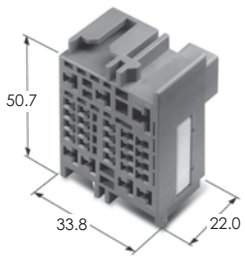
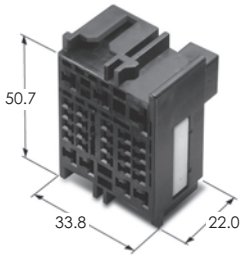
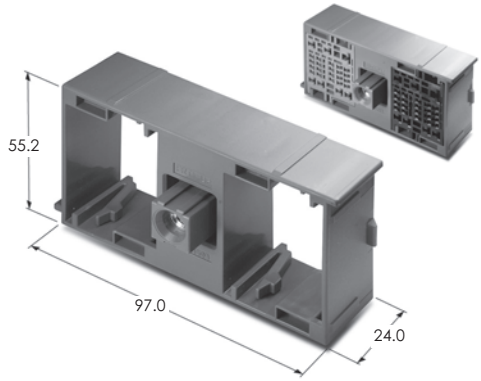
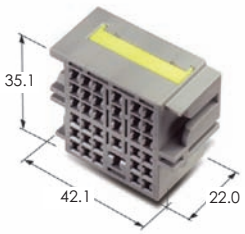
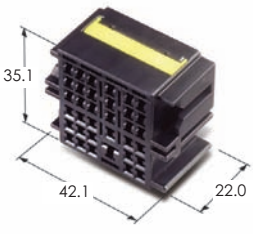
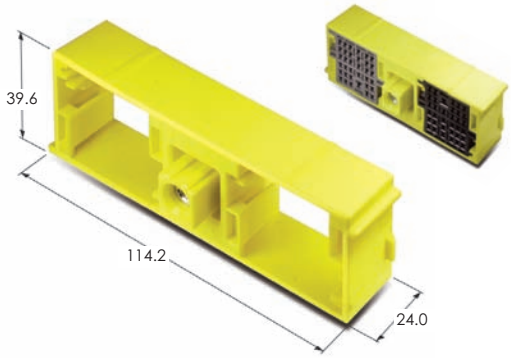
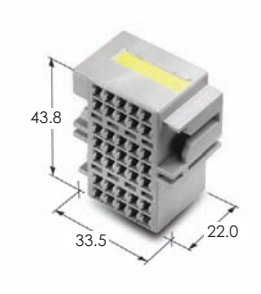
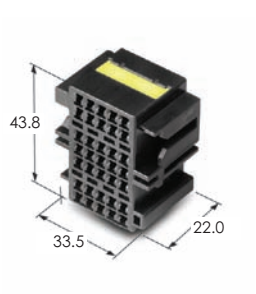
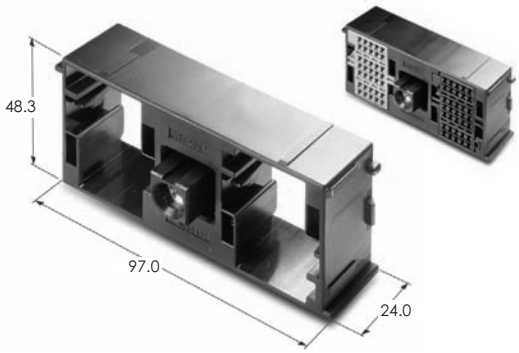
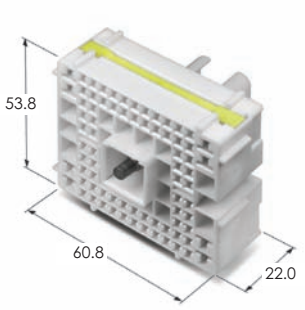
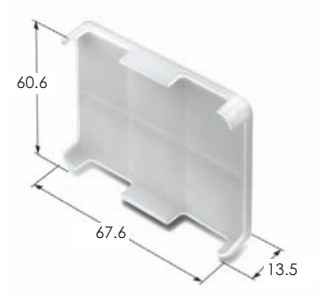
JACK			PLUG		
FAKRA STRAIGHT JACK OUTER CONTACT (HY)		KR20202-20	FAKRA STRAIGHT PLUG OUTER CONTACT (Ø3.0)		KR30201-20
FAKRA STRAIGHT JACK TERMINAL (Ø3.0)		KR20301-20	FAKRA STRAIGHT PLUG TERMINAL (Ø3.0)		KR30301-20
FAKRA GUIDE SLEEVE (Ø3.0)		KR00404-20	FAKRA GUIDE SLEEVE (Ø3.0)		KR00404-20

HOUSING (060 WP)

Poles	Female	Male
15	MG645872  (N060 14P+FAKRA 1P)	MG655819 

HYBRID Bolt'g CONNECTOR

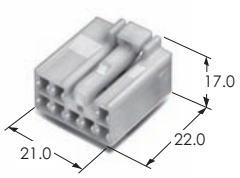
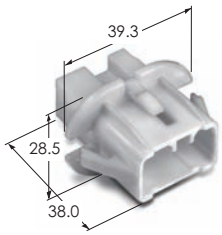
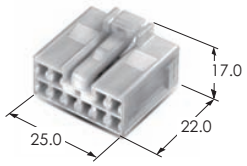
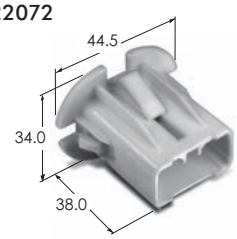
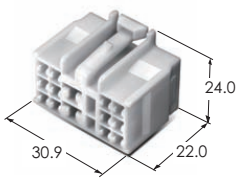
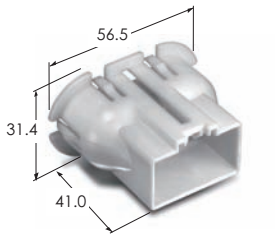
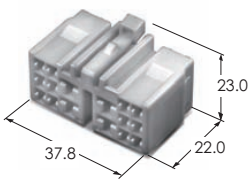
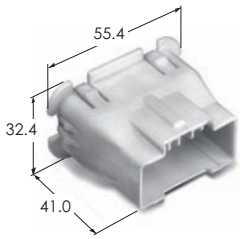
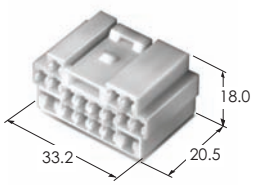
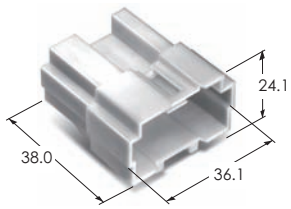
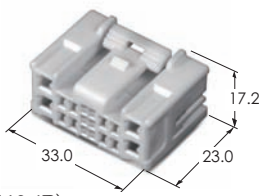
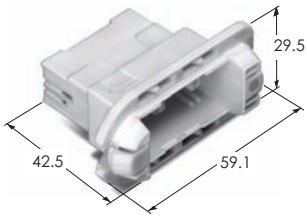
HOUSING

Poles	HYBRID Bolt'g Connector		
54	MG653600-41	MG653599	MG663593-40
			
	(090II 20P+187II 6P+312II 1P)	(090II 20P+187II 6P+312II 1P)	
70	MG653595-41	MG653596	MG663591-3
			
	(090II 34P+187II 1P)	(090II 34P+187II 1P)	
70	MG653602-41	MG653601	MG663594
			
	(090II 35P)	(090II 35P)	
76	MG643615	MG653612	MG633997
			
	(090II 68P+187II 8P)	(090III(ASC) 68P+187II 8P)	

DOOR CONNECTOR

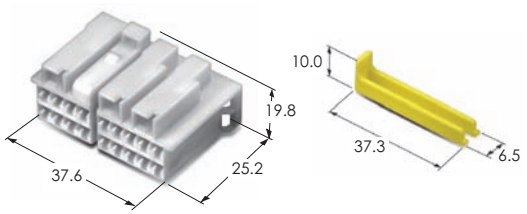
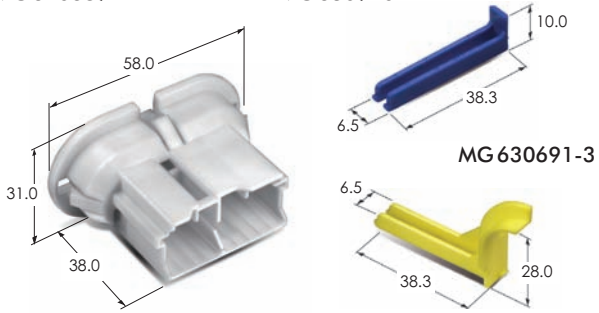
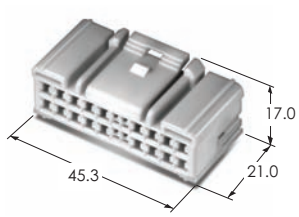
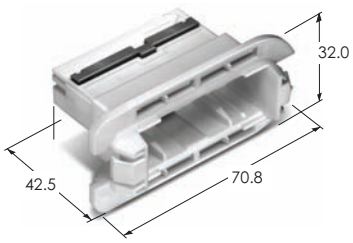
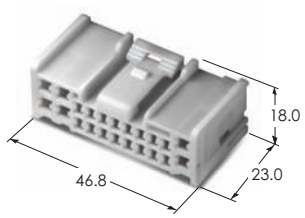
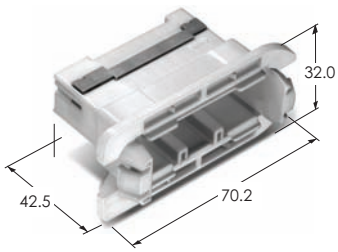
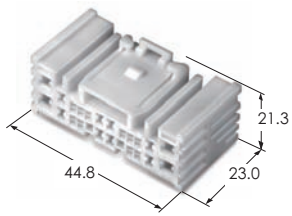
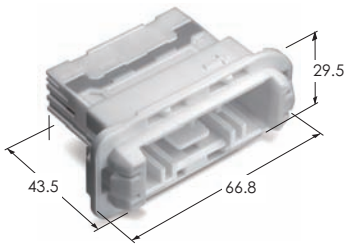
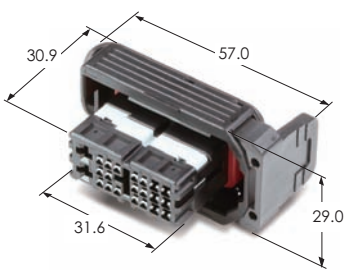
▶Multi-pole, non waterproof connector linking wire harness between the body panel and the door panel of an automobile.
▶Double Locking system with a separated Rear Holder prevents improper locking of terminal when inserted into housing.
▶By using Grommet, it is water resistance although it is not waterproof.
▶Significantly improved wire installment and assembly efficient between body panel and door panel.

HOUSING

Poles	Female	Male
8	MG651050  (090II 8P)	MG641763 
10	MG651056  (090II 10P)	MG622072  MG632073-3 
14	MG651379  (090II 12P+187II 2P)	MG641814 
16	MG651882-3(R)  (090II 12P+187II 4P)	MG642570 
17	MG614680  (090II 15P+187II 2P)	MG624681 
18	MG655696  (025II 6P+060 8P+110 4P)	MG645749 

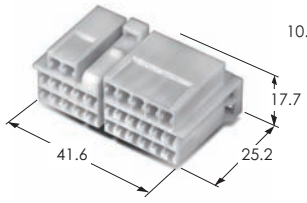
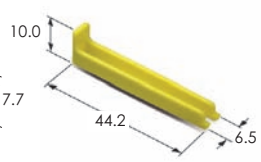
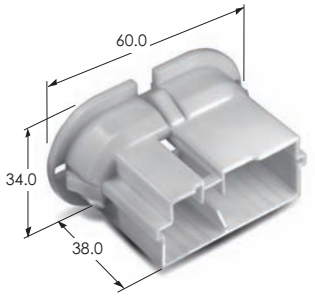
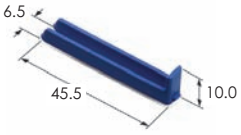
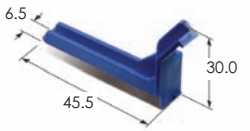
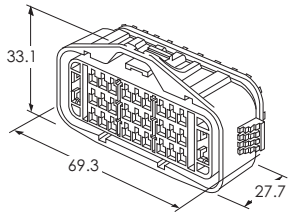
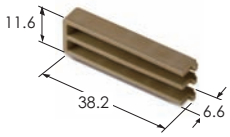
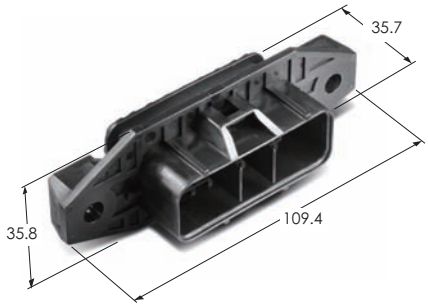
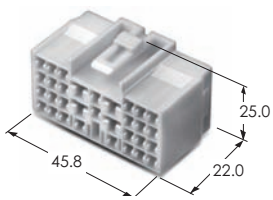
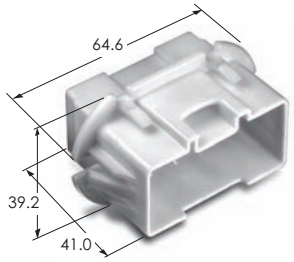
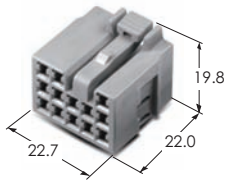
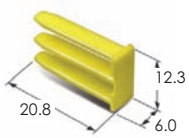
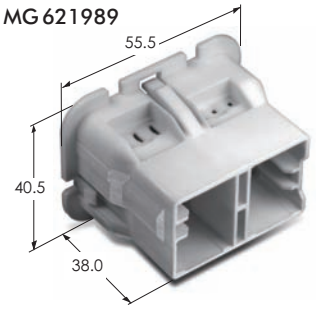
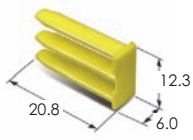
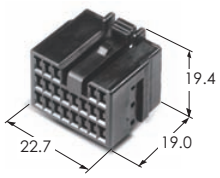
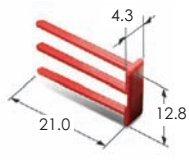
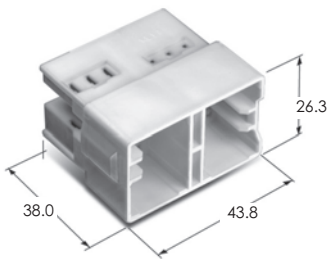
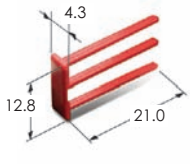
DOOR CONNECTOR

HOUSING

Poles	Female	Male
21	MG 610688 MG 630690-3  (070 18P+118 3P)	MG 620689 MG 630920-2 
22	MG 654783  (040III 4P+090II 18P)	MG 644780 
	MG 655444  (060 16P+110 6P)	MG 645441 
	MG 656784  (025II 10P+060 8P+110 4P)	MG 645915 
	MG 656854  (025II 14P+060 6P+N110 2P)	MG 646002 

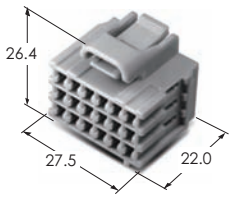
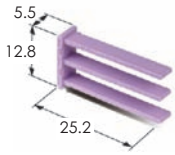
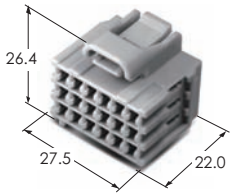
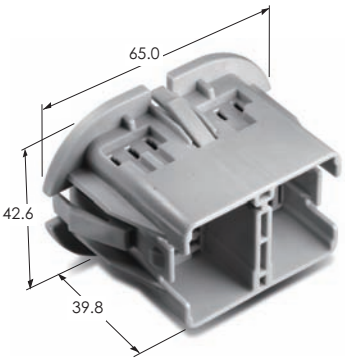
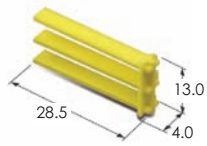
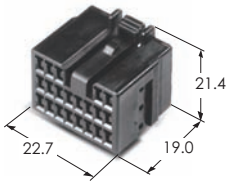
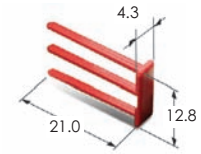
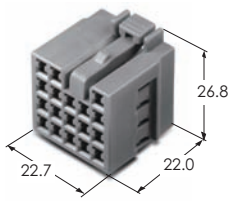
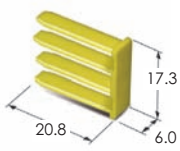
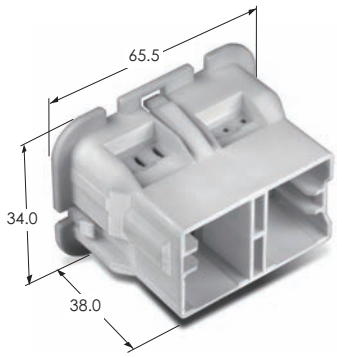
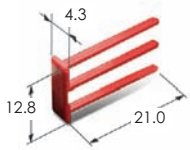
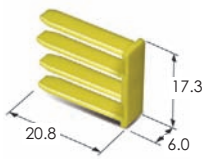
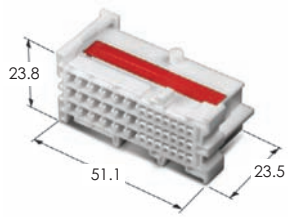
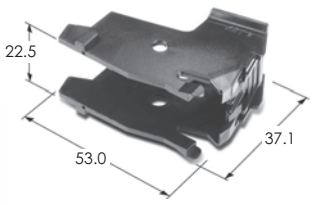
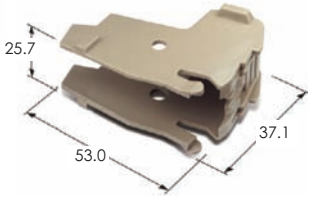
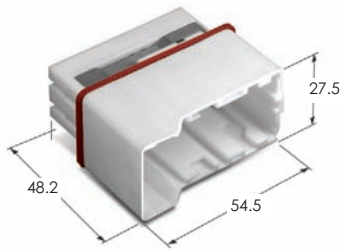
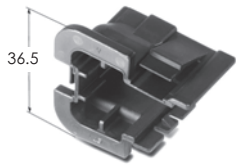
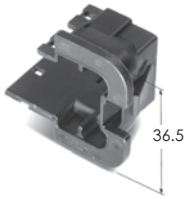
DOOR CONNECTOR

HOUSING

Poles	Female	Male
29	MG 610692  MG 630694-3  (07022P+0907P)	MG 620693  MG 630921-2  MG 630695-3 
31	MG 640819-5  MG 630820-7  (07027P+1184P)	MG 650817 
32	MG 651013  (090II28P+187II4P)	MG 641016 
34	MG 611985-41  MG 631986-3  (090II13P)	MG 621989  MG 631986-3 
	MG 611987  MG 631988-1  (05021P)	MG 623129  MG 631988-1 

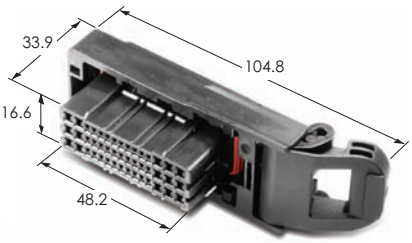
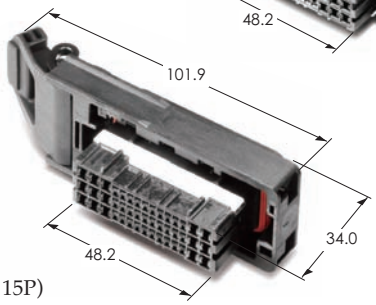
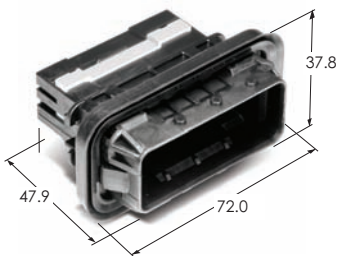
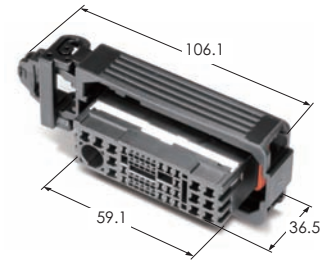
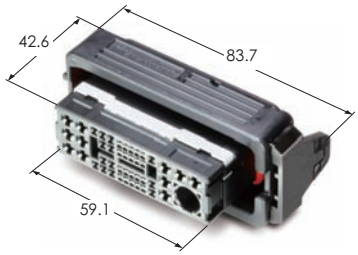
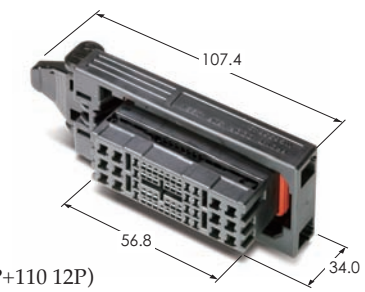
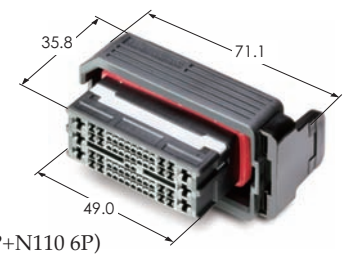
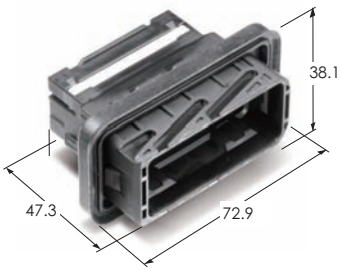
DOOR CONNECTOR

HOUSING

Poles	Female	Male
36	MG611809(L)  MG631811-9  MG611810-41(R)  (090II 18P)	MG621807  MG631808-3 
39	MG611987  MG631988-1  (050 21P) MG612408-41  MG632407-3  (090II 18P)	MG622406  MG631988-1  MG632407-3 
39	MG653563  MG633567(LEVER)  MG633786-7(LEVER)  (040III 21P+090III(ASC) 18P)	MG643174  MG633337(PLATE-A)  MG633338(PLATE-B) 

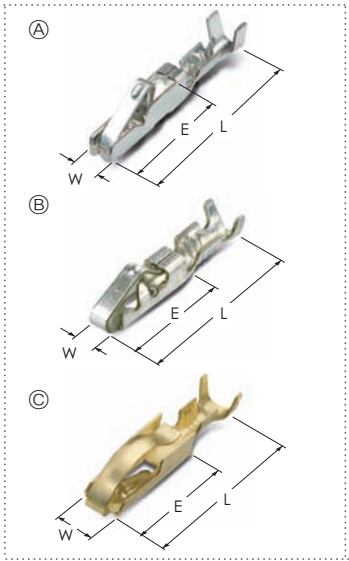
DOOR CONNECTOR

HOUSING(FRONT DOOR)

Poles	Female	Male
45	MG644390  MG644902  (040 30P+090 15P) (040 30P+090 15P)	MG654391 
45 FAKRA	MG655808  (025II 20P+N060 13P+110 11P+FAKRA 1P)	MG645857 
	MG656918  (C025 20P+C060 13P+N110 11P+FAKRA 1P)	MG646085 
50	MG655649  (025II 26P+060 12P+110 12P)	MG645655  Wire Cover RH : **MG635590** / Wire Cover LH : **MG635591**
56	MG656866  (C025 34P+C060 16P+N110 6P)	MG646018 

025II Female Terminal : **ST731374, ST731375** 025II male Terminal : **ST741345, ST741346**
C025 Female Terminal: **ST731409, ST731410** C025 male Terminal : **ST741360, ST741361**

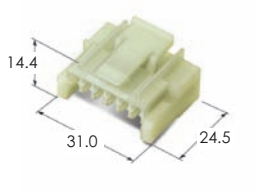
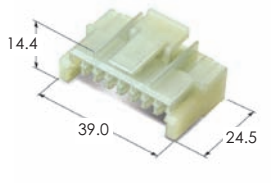
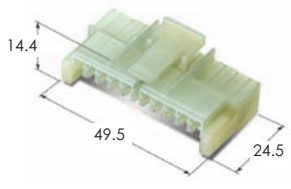
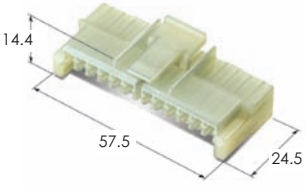
CLUSTER CONNECTOR



TERMINAL

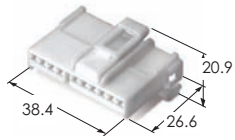
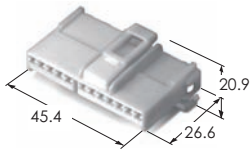
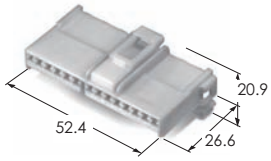
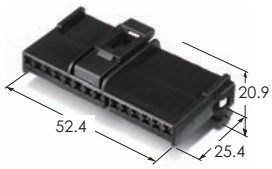
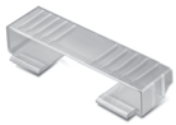
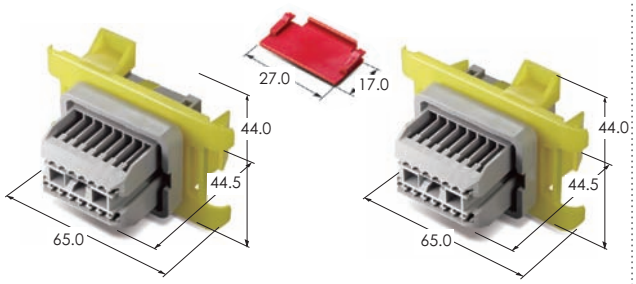
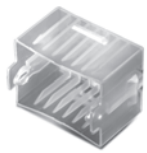
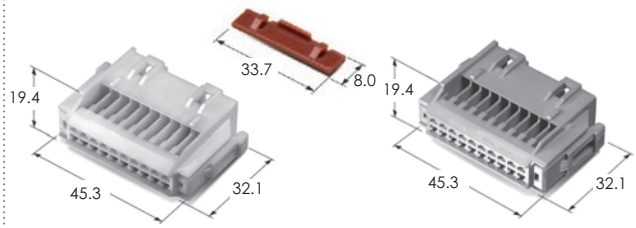
Part No.	Wire Range		Material	Dimension(mm)			Type
	AWG	mm^2	Finish	L	E	W	
ST760515-3	22-20	AVSS 0.3~0.5	Copper Alloy Pre-Tin	20.8	11.7	2.6	Ⓐ
ST760516-3	18-16	AVSS 0.85-1.25	Copper Alloy Pre-Tin	20.8	11.7	2.6	
ST780392-3	22-18	AVSS 0.3-0.85	Brass Pre-Tin	18.6	10.6	3.0	Ⓑ
ST780395-3	16-14	AVSS 1.25-2.0	Brass Pre-Tin	18.6	10.6	3.0	
ST760271-1	22-18	AVSS 0.3-0.85	Brass	23.0	14.2	4.4	Ⓒ
ST760271-3			Pre-Tin				
ST760272-1	16-14	AVSS 1.25-2.0	Brass	23.0	14.2	4.4	
ST760272-3			Pre-Tin				

HOUSING

Poles	Female
6	MG630093 
8	MG630077 
10	MG630085 
12	MG630080 

Suitable Terminal: ST780392-3, ST780395-3

HOUSING

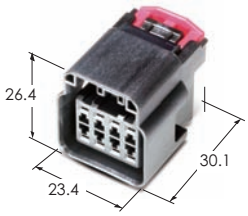
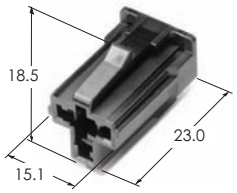
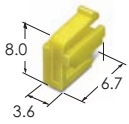
Poles	PLUG A TYPE	PLUG B TYPE	CAP
10	MG630831 		MG631971 
12	MG630832 		MG631972 
14	MG630674 	MG630673 	MG631973 
17	MG660583-4 MG630465-1 MG660584-4 		MG630535 
20	MG630774 MG630776-7 MG630775-4 		MG631974  MG630777 

KET ENGINEERED

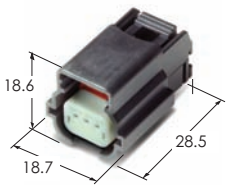
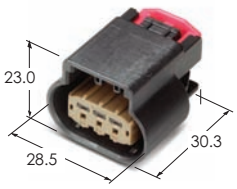
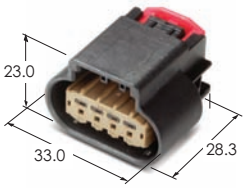
GS SERIES CONNECTOR

▶ Double locking system eliminates terminal push-out (Housing lance, TPA)

GS SERIES(NON WATERPROOF)

Poles	Female	Suitable Terminal
3 150	MG644438 	12191811-1812(DELPHI)
8 150	MG644437 	12191811-1812(DELPHI)
3 280	MG614436  MG634588(TPA) 	15304710-4712(DELPHI)

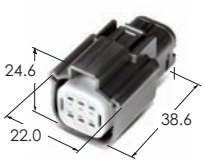
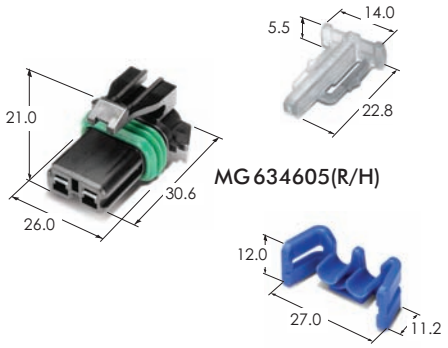
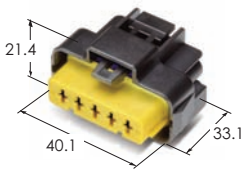
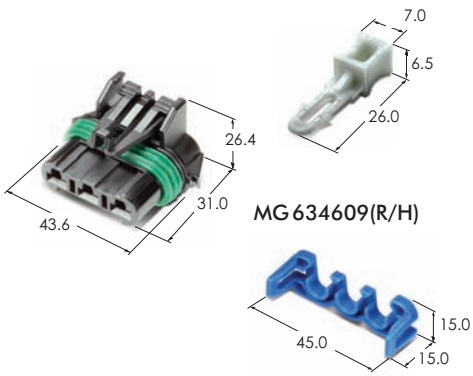
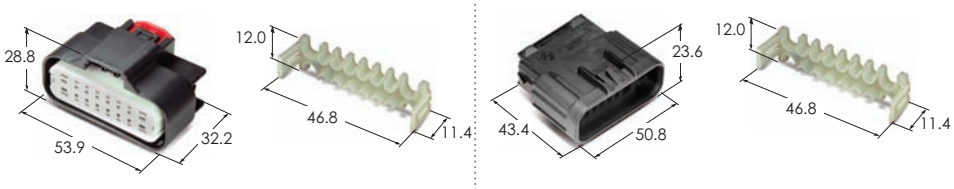
GS SERIES(WATERPROOF)

Poles	Female	Suitable Terminal
3 064WP	MG645080 	7116-4618-02(YAZAKI)
3 150WP	MG644167  MG634546(R/H) 	12191818-1819(DELPHI)
4 150WP	MG644170  MG634547(R/H) 	12191818-1819(DELPHI)

GS SERIES CONNECTOR

▶ Double locking system eliminates terminal push-out (Housing lance, TPA)

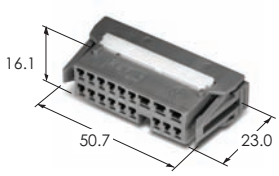
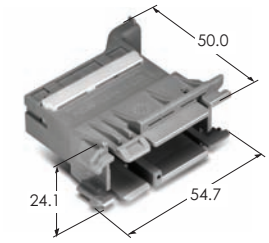
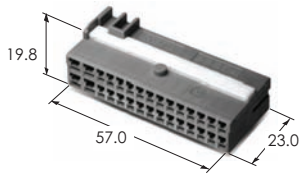
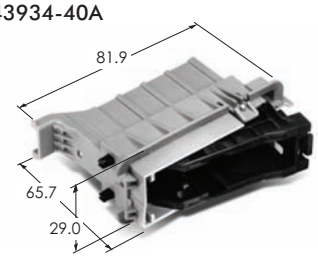
GS SERIES(WATERPROOF)

Poles	Female	Male	Suitable Terminal
6 150WP	MG645107 	MG655111 	F:33012-2002(MOLEX) M:33000-0002(MOLEX)
2 280WP	MG654446 MG634604(CPA) 		15304718-4720(DELPHI)
5 280WP	MG655109 		211CC3S1161(FCI) 211CC3S2161(FCI)
3 630WP	MG654447 MG634608(CPA) 		12052456-2457(DELPHI)
16 150280WP	MG655099 MG634601(R/H) MG654442 MG634601(R/H) 		F:12191818-1819(DELPHI) 15304718-4720(DELPHI) M:15326268-6269(DELPHI) 15304730-4732(DELPHI)

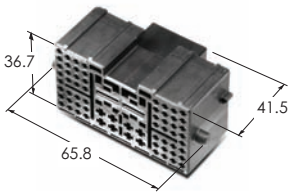
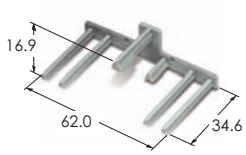
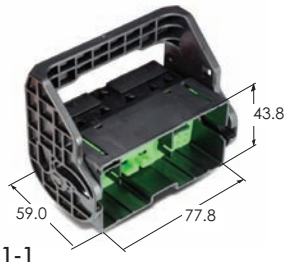
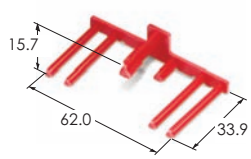
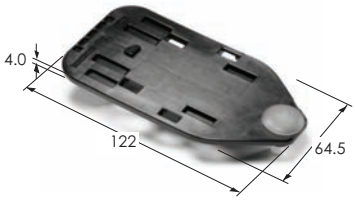
GS SERIES CONNECTOR

- Double locking system eliminates terminal push-out (Housing lance, TPA)
- Stable/secure mating action between male and female connector
- This connector is hybrid type, so there are two terminal connector on one kind of

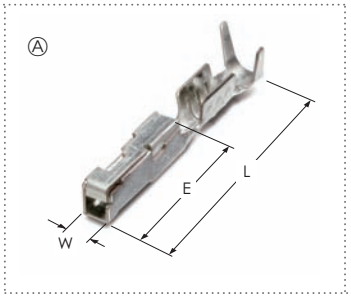
GS SERIES(DOOR)

Poles	Female	Male	Suitable Terminal
18	MG653931-40A 	MG643932-40A 	F: 12191811-1812(DELPHI):150 15304710-4713(DELPHI):280 M: 15304701-4702(DELPHI):150 15304722-4725(DELPHI):280
REAR DOOR	(150 15P+280 3P)		
30	MG653933-40A 	MG643934-40A 	
FRONT DOOR	(150 26P+280 4P)		

GS SERIES(BODY-IP)

Poles	Female	Male	Suitable Terminal
68	MG614615  MG634616-4 	MG644512  MG634611-1  MG665015 	F: 964261, 964263(TYCO):150 964280,964284(TYCO) : 280 965999 (TYCO) : 280 962932 (TYCO) : 950 M:964265, 964267(TYCO) :150 964294,964296(TYCO) : 280 963768,963766(TYCO) : 950
BODY IP	(950 2P+280 8P+150 58P)		

GLOBAL STANDARD TERMINAL

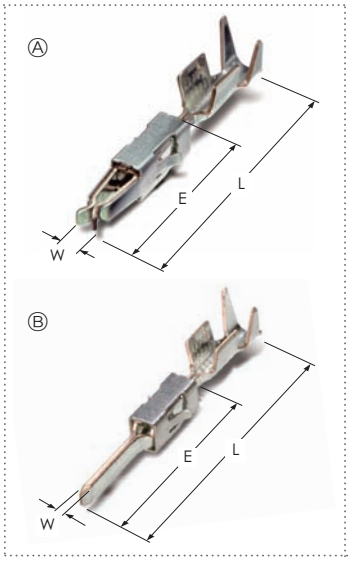


064 TERMINAL

Part No.	Wire Range		Material	Dimension(mm)			Type
	AWG	mm²	Finish	L	E	W	
ST731382-3	20-22	0.3-0.5	Copper Alloy (Pre-Tin)	14.0	6.5	1.6	Ⓐ
ST731383-3	18	0.75-0.8	Copper Alloy (Pre-Tin)	14.0	6.5	1.6	

SPECIFICATIONS

Current Rating	5A
Temperature Range	-40 ~ 85℃
Contact Resistance	10mΩ Max(Initial)
Insulation Resistance	DC 500V 100MΩ Min
Wire Size	0.3 ~ 0.8mm²



150 TERMINAL

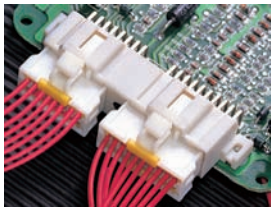
Part No.	Wire Range		Material	Dimension(mm)			Type
	AWG	mm²	Finish	L	E	W	
ST731379-3	24-20	FLR 0.2~0.5	Copper Alloy Pre-Tin	19.0	10.25	1.6	Ⓐ
ST731380-3	20-17	FLR 0.5~1.0	Copper Alloy Pre-Tin	19.0	10.25	1.6	
ST731381-3	15	FLR 1.5	Copper Alloy Pre-Tin	19.0	10.25	1.6	
ST741347-3	24-20	FLR 0.2~0.5	Copper Alloy Pre-Tin	22.4	12.7	0.6	Ⓑ
ST741348-3	20-17	FLR 0.5~1.0	Copper Alloy Pre-Tin	22.4	12.7	0.6	
ST 741349-3	15	FLR 1.5	Copper Alloy Pre-Tin	22.4	12.7	0.6	

SPECIFICATIONS

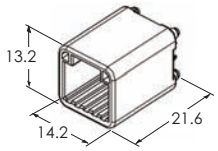
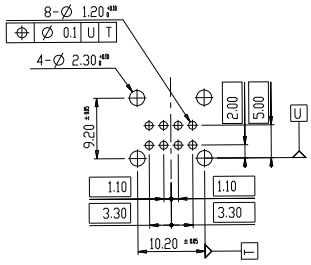
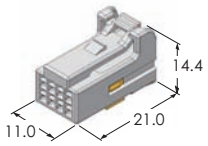
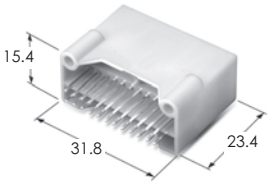
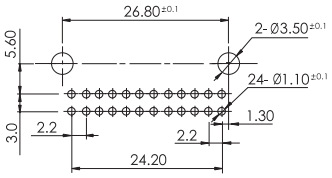
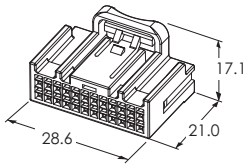
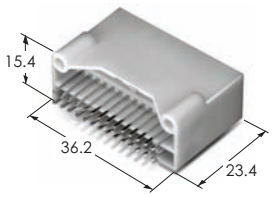
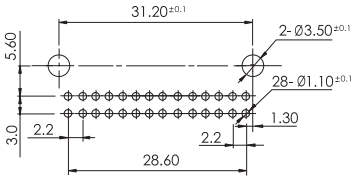
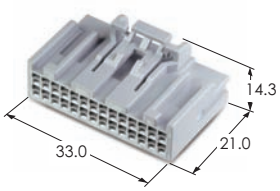
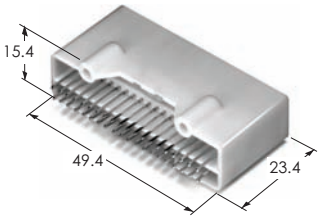
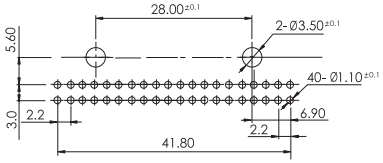
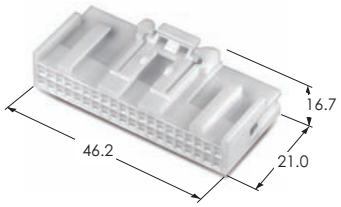
Current Rating	10A
Temperature Range	-40 ~ 85℃
Contact Resistance	3mΩ Max(Initial)
Insulation Resistance	DC 500V 100MΩ Min
Wire Size	0.2 ~ 1.5mm²

PCB CONNECTOR

- Sub-compact multi-pole PCB Connector with Tab Size 0.64 mm, Pitch 2.2mm
- Preventing terminal mis insertion and thrust
- Adopting Spacer with double Locking structure

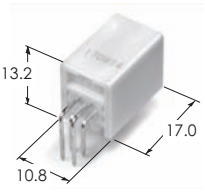
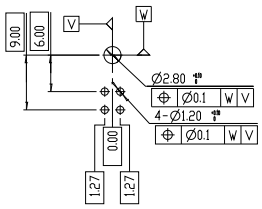
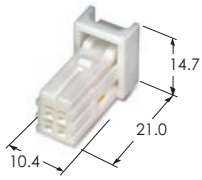
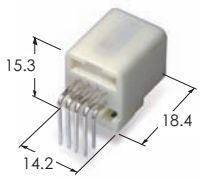
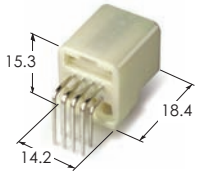
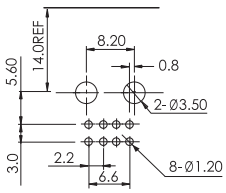
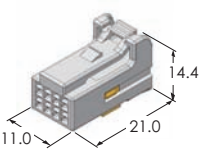
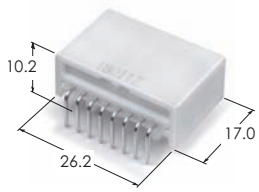
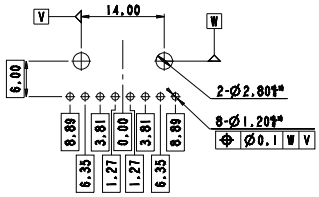
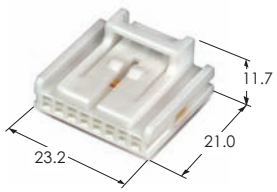
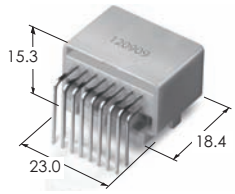
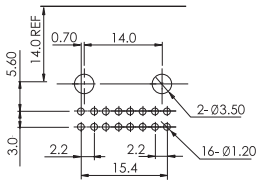
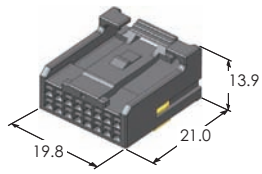
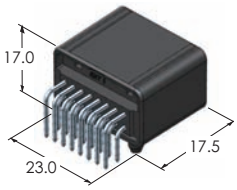
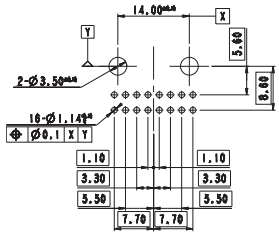
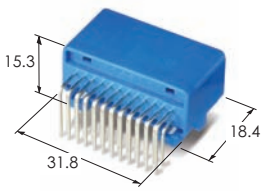
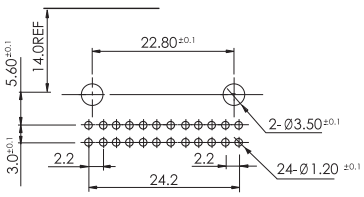
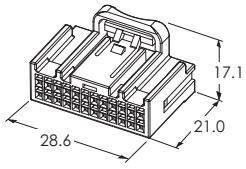
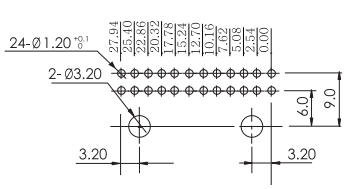


02511 PCB HOUSING(VRT)

Poles	PCB Connector	Female
8	MG646041  	MG656980 
24	MG644100  	MG655761 
28	MG644088(Pre-Tin) MG645119(Post-Tin)  	MG655762 
40	MG644114(Pre-Tin) MG645121(Post-Tin)  	MG655708 

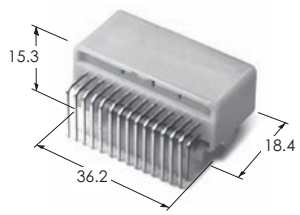
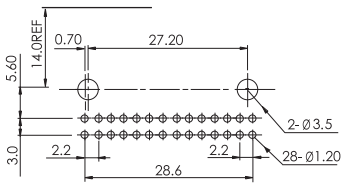
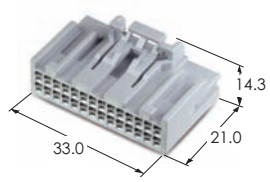
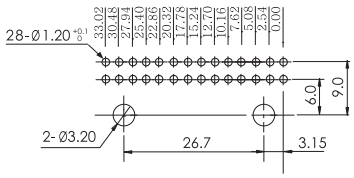
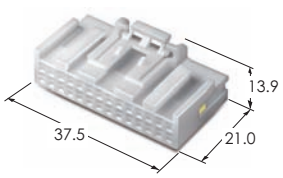
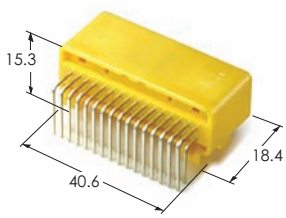
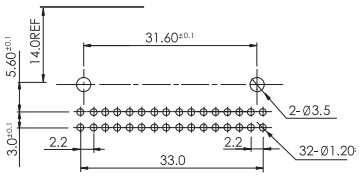
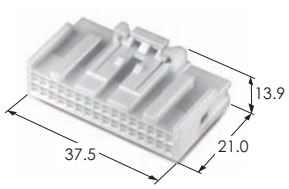
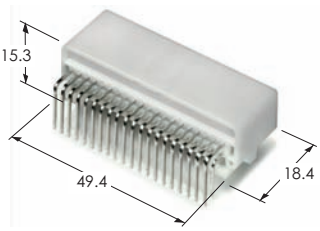
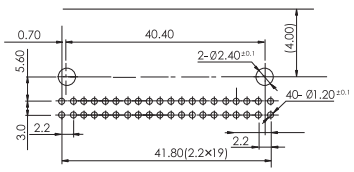
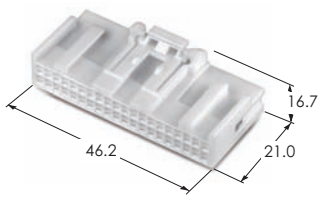
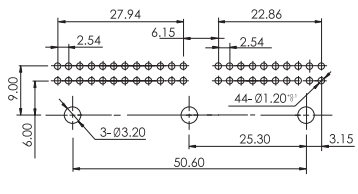
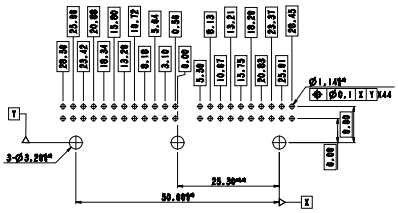
PCB CONNECTOR

02511 PCB HOUSING(HZT)

Poles	PCB Connector	Female
4	MG646090   	MG656923 
8	MG645716(PBT)  MG645586(SPS)   	MG656980 
	MG646091   	MG656924 
16	MG645718   	MG656934-5 
	MG646097-5   	
24	MG644918-2   	MG655761 
	MG645878   	MG655758 

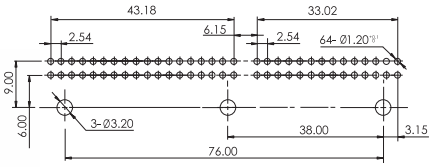
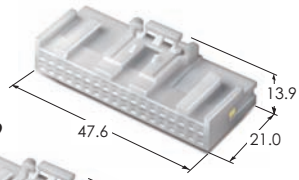
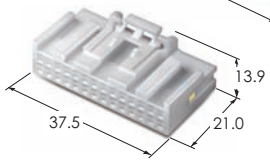
PCB CONNECTOR

02511 PCB HOUSING(HZT)

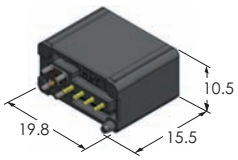
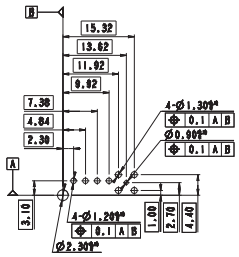
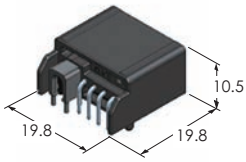
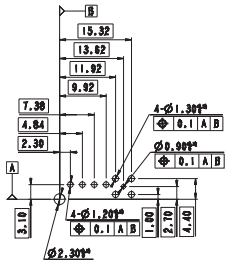
Poles	PCB Connector	Female
28	MG645719  	MG655762 
	MG645895  	MG655759 
32	MG644920-3  	MG655709 
40	MG645820  	MG655708 
44	MG645802  	MG646092  	MG655758  MG655757 

PCB CONNECTOR

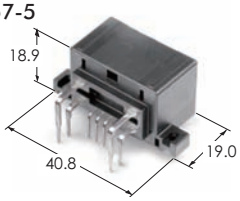
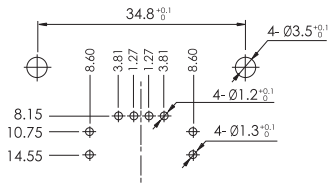
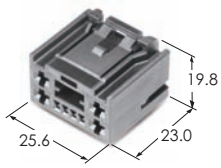
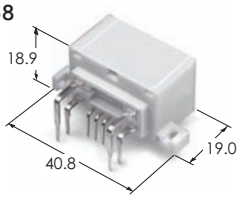
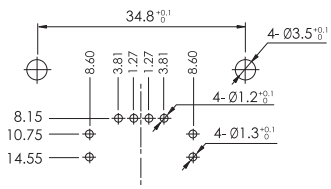
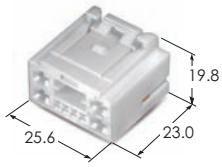
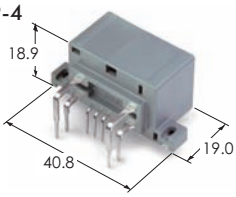
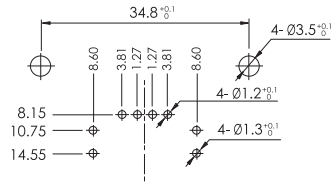
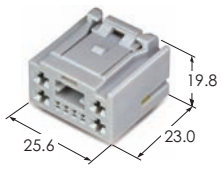
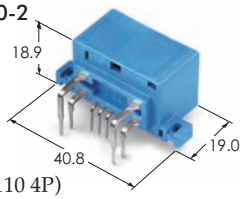
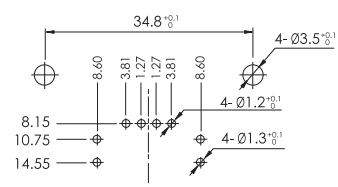
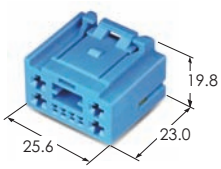
025II PCB HOUSING(HZT)

Poles	PCB Connector	Female
64	MG 645803  	MG 655760  MG 655759 

025RF PCB HOUSING(VRT/HZT)

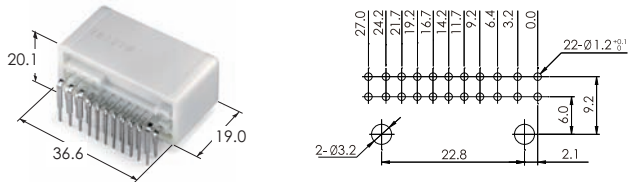
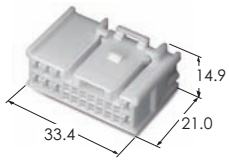
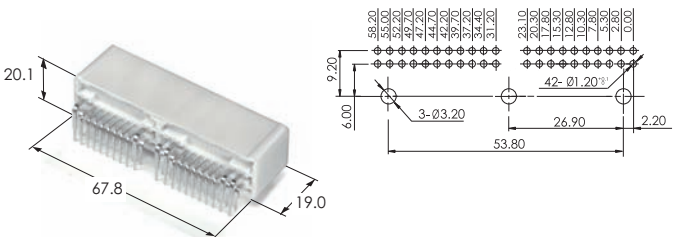
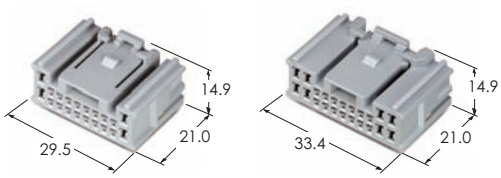
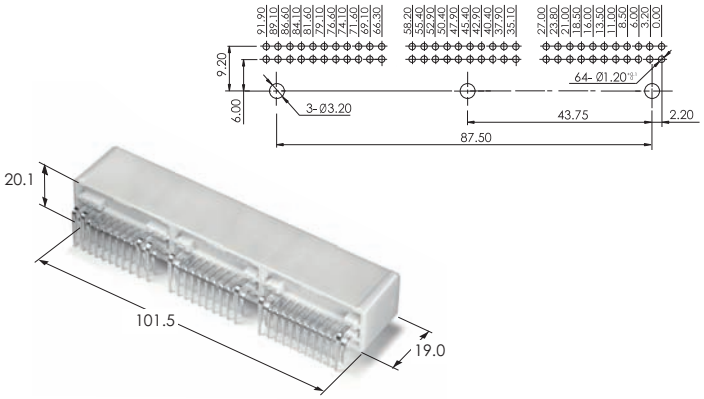
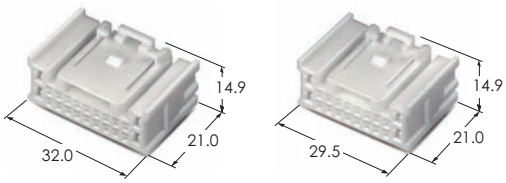
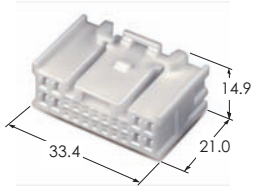
Poles	PCB Connector(VRT)	PCB Connector(HZT)
5	MG 646138-5   Suitable Housing: MG 656964	MG 646142-5   Suitable Housing: MG 656964

C025N110 PCB HOUSING(HZT)

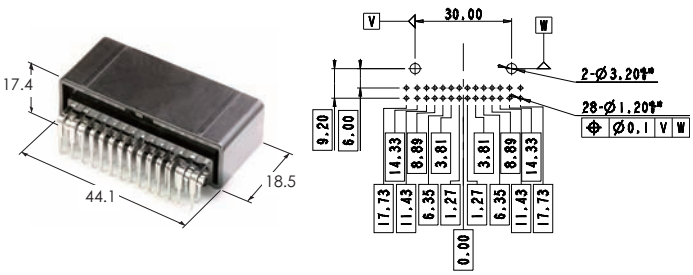
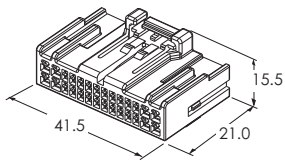
Poles	PCB Connector	Female
8	MG 646057-5  	MG 656895-5 
	MG 646058  	MG 656896 
	MG 646059-4  	MG 656897-4 
	MG 646060-2  (C025 4P+N110 4P) 	MG 656898-2 

PCB CONNECTOR

02511060 PCB HOUSING(HZT)

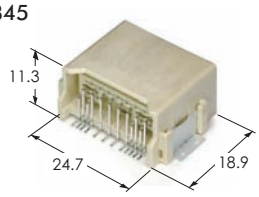
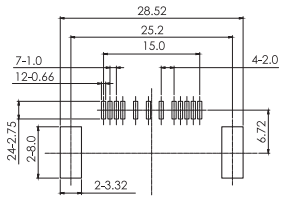
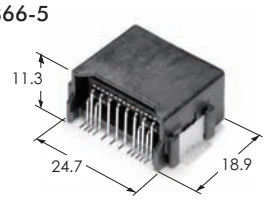
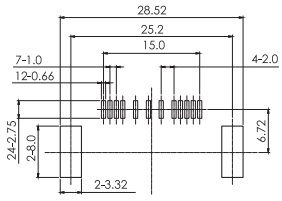
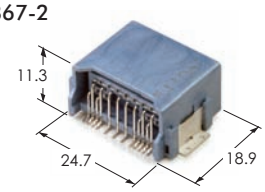
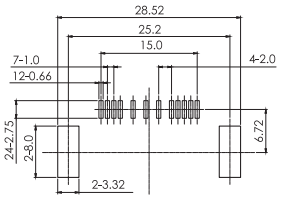
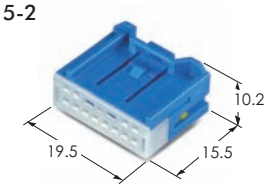
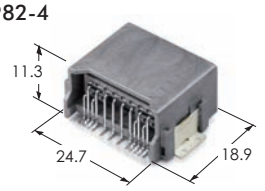
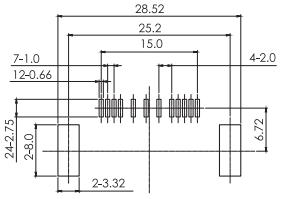
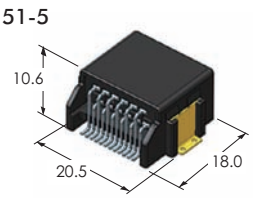
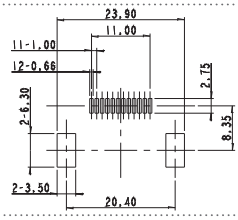
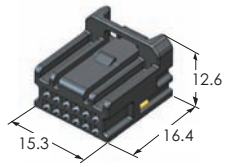
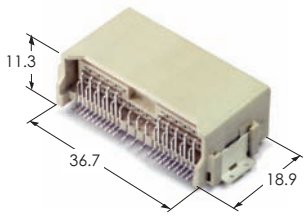
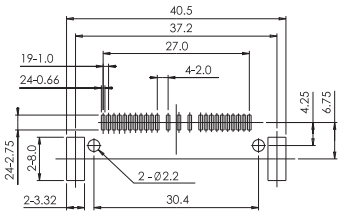
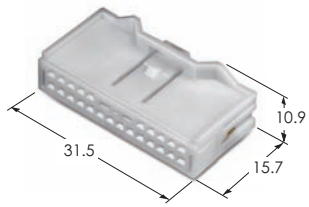
Poles	PCB Connector	Female
22	MG645894 	MG655833 
42	MG645800 	MG655754-41 MG655756-41 
64	MG645801 	MG655752 MG655753  MG655755 

CO25CO60 PCB HOUSING(HZT)

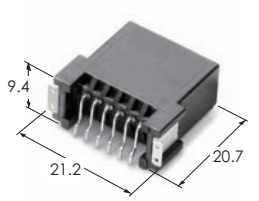
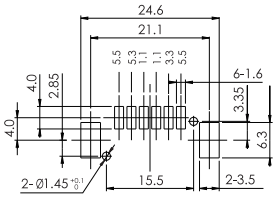
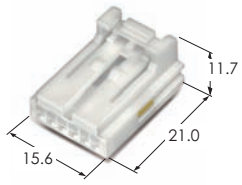
Poles	PCB Connector	Female
28	MG646130-5 	MG656961 

PCB CONNECTOR

020 SMD HOUSING(VRT)

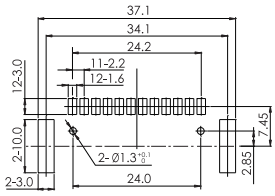
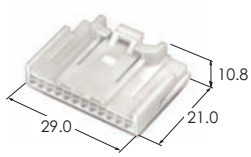
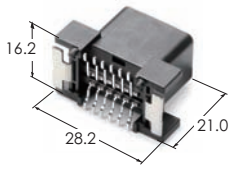
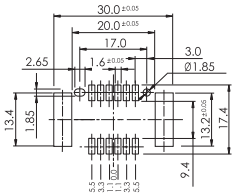
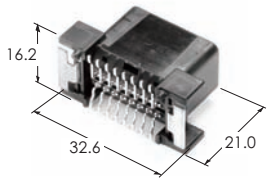
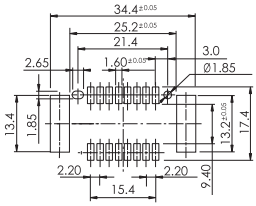
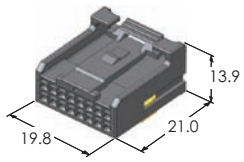
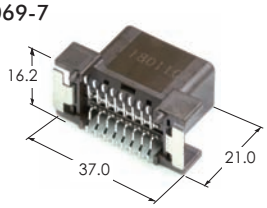
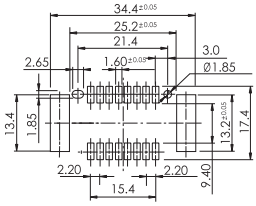
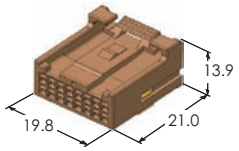
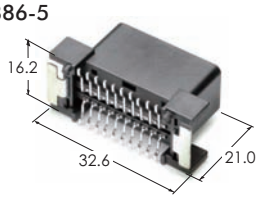
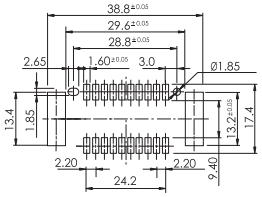
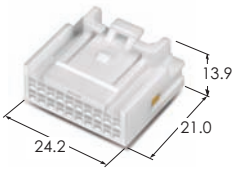
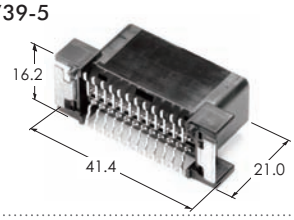
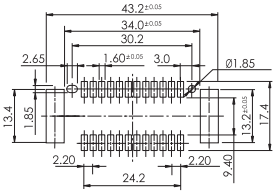
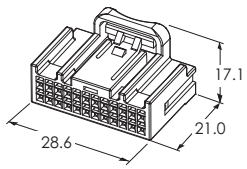
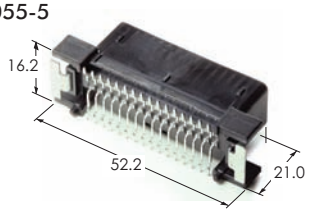
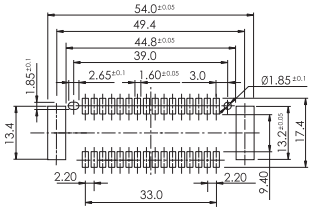
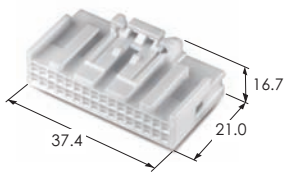
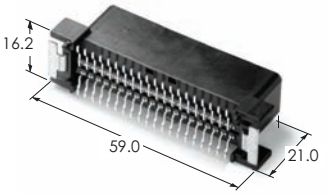
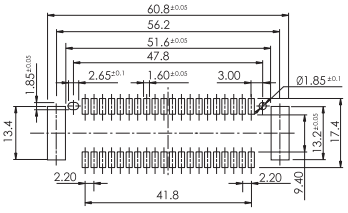
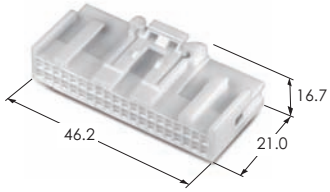
Poles	PCB Connector	Female
12	MG645845  	MG655794 
	MG645866-5  	MG655814-5 
	MG645867-2  	MG655815-2 
	MG645982-4  	MG656835-4 
	MG646151-5  	MG656971-5 
24	MG646055  	MG656893 

02511 SMD HOUSING(VRT)

6	MG646087  	MG656919 

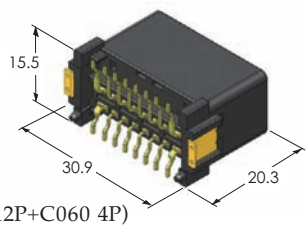
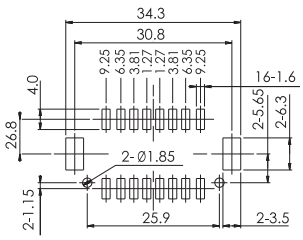
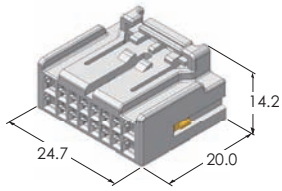
PCB CONNECTOR

02511 SMD HOUSING(VRT)

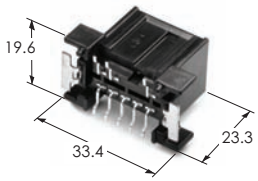
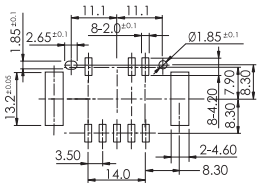
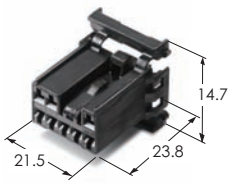
Poles	PCB Connector	Female
12	MG645877-5  	MG655823 
	MG646036-5  	MG656913 
16	MG645738-5  	MG656934 
	MG646069-7  	MG656939-7 
20	MG645886-5  	MG655830 
24	MG645739-5  	MG655761 
32	MG645055-5  	MG655709 
40	MG644633-5  	MG655708 

PCB CONNECTOR

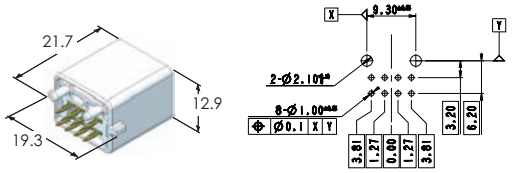
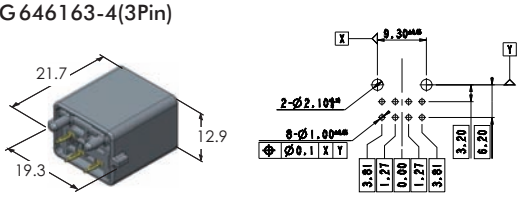
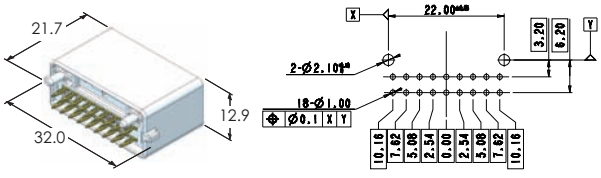
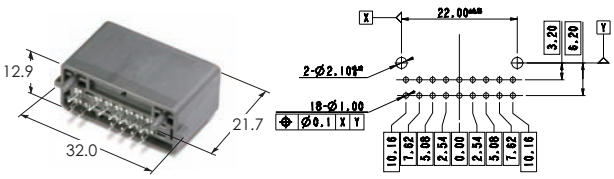
C025C060 SMD HOUSING(VRT)

Poles	PCB Connector	Female
16	MG646131-5   (C025 12P+C060 4P)	MG656962 

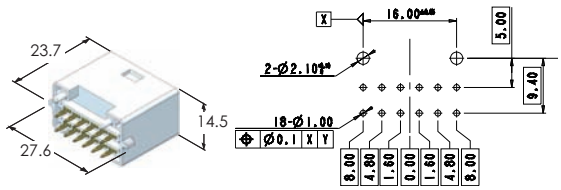
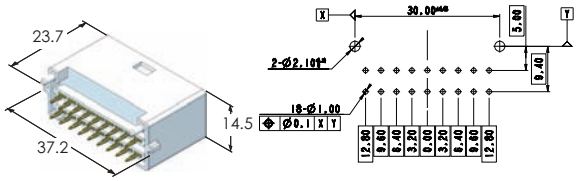
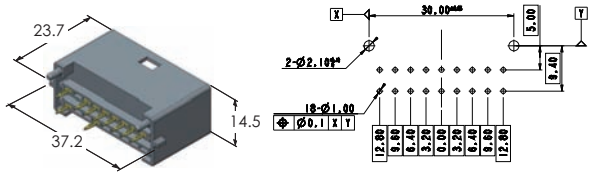
070 SMD HOUSING(VRT)

Poles	PCB Connector	Female
8	MG645004-5  	MG610402 

025II PRESS FIT HOUSING(VRT)

Poles	PCB Connector
8	MG646101  MG646163-4(3Pin)  Suitable Connector: MG656930
18	MG646100  Suitable Connector: MG656929 MG646164-4(13Pin)  Suitable Connector: MG656929

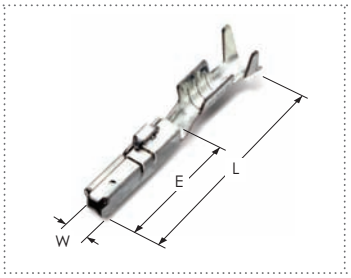
060 PRESS FIT HOUSING(VRT)

Poles	PCB Connector
12	MG646093  Suitable Connector: MG655828
18	MG646094  Suitable Connector: MG655829 MG646165-4(10Pin)  Suitable Connector: MG655829

KET ENGINEERED

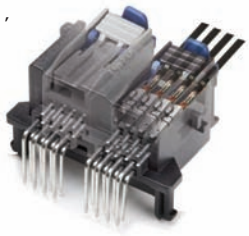
PCB CONNECTOR

064 TERMINAL

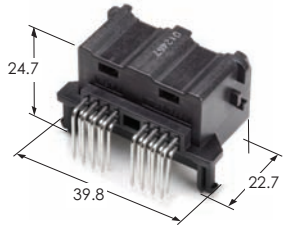
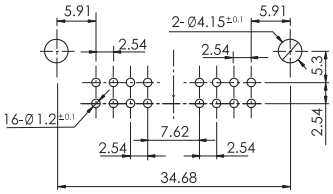
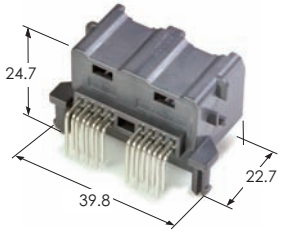
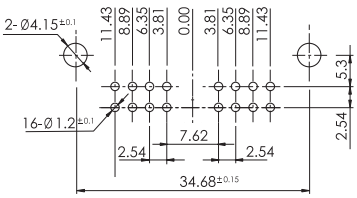
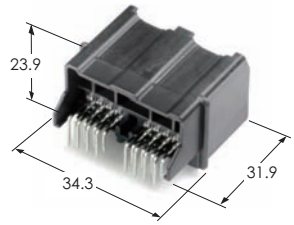
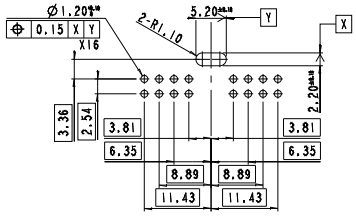
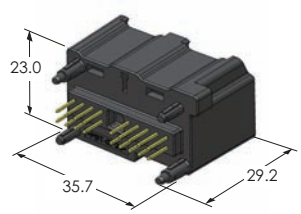
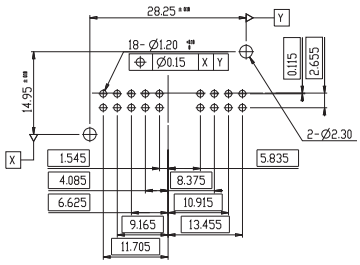
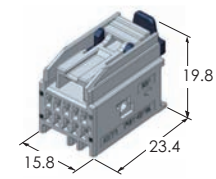
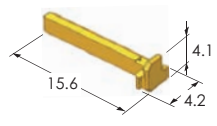


Part No.	Wire Range		Material	Dimension(mm)			Type
	AWG	mm²	Finish	L	E	W	
ST731068-3	22-20	AVSS 0.3 - 0.5	Copper-Alloy (Pre-Tin)	14.85	6.85	1.65	

- Sub-compact multi-pole PCB Connector with tab Size 0.64 mm , Pitch 2.54mm (non waterproof)
- Apply the CPA (Connector Position Assurance).
- Double locking system eliminates terminal push-out (Housing lance, TPA)

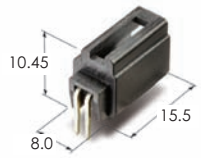
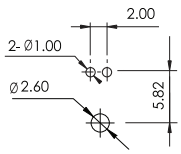
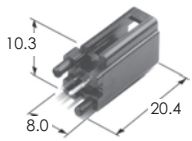
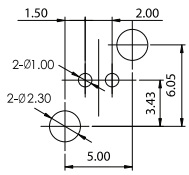
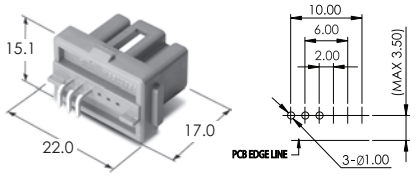
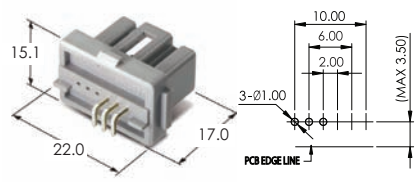
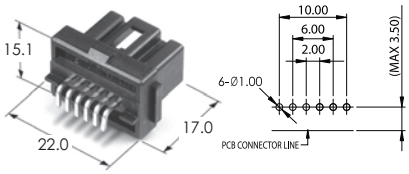
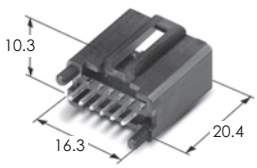
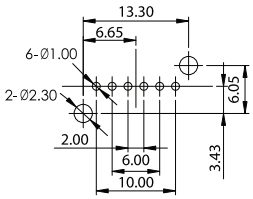
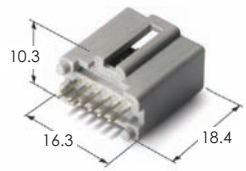
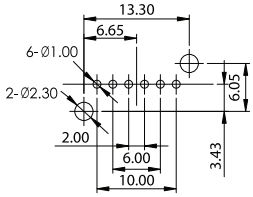
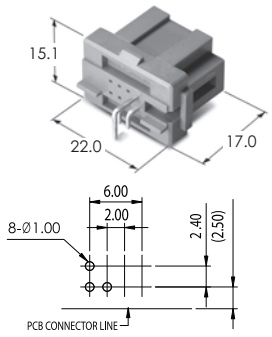
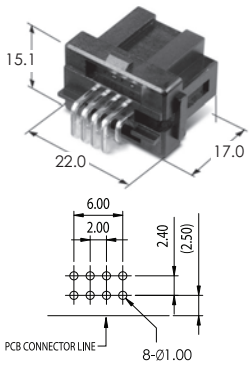
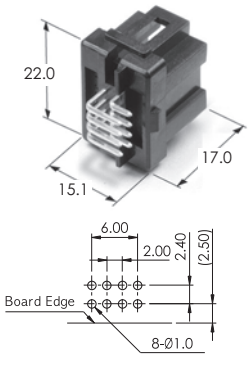
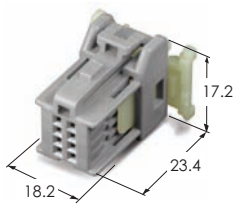
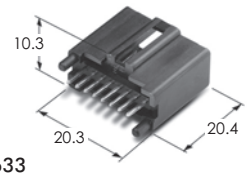
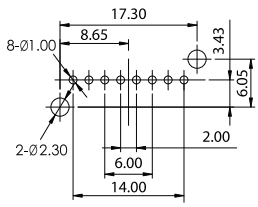
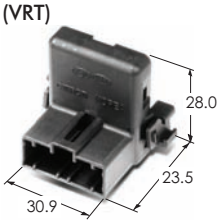
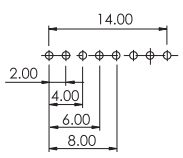
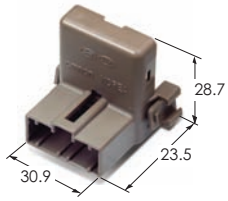
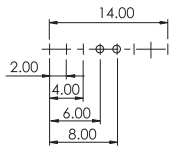


064 PCB HOUSING

Poles	PCB Connector	Female	TPA
16	MG645584-5(HZT)  	MG654243-5 	
	MG645937-40(HZT)  	MG654863-41 	MG635585-1 
	MG645993-5(HZT)  		
18	MG646042-5(VRT)  	MG654863-41 	
		MG655723-5 	MG635648-3 

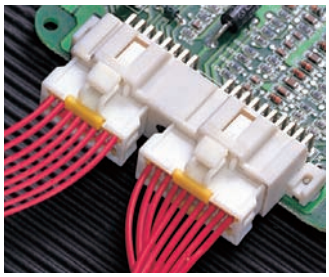
PCB CONNECTOR

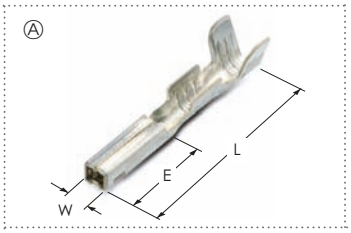
030 PCB HOUSING

Poles	PCB Connector
2	MG 643748-5(HZT)   MG 644008-5 (VRT)   Suitable Connector: MG 652630
6	MG 643757-7 (HZT)  MG 643783-40 (HZT)  MG 643358-5 (HZT)  MG 643648-5 (VRT)   MG 643942-4 (VRT)   Suitable Connector: MG 651439
8	MG 643758-7 (HZT)  MG 643608-7 (HZT)  MG 642852-5(HZT)  Female MG 651434-7  MG 643996-5 (VRT)   Suitable Connector: MG 652633
	Male
	MG 644157-5 (VRT)   Suitable Connector: MG 652633 MG 644682-7 (VRT)   Suitable Connector: MG 652633

PCB CONNECTOR

- Small Size Multi-Pole Connectors designed for electronic equipment mounted on automobiles.
- These connectors are suitable for Modulator, Electronic Time & Alarm Control System and Electronic Control System.
- High density, multi-pole type with 2.54mm pitch.
- Two piece type with a spring part inside female terminal. It provides more mechanical and electrical reliability as well as durability and contact system reinforcement.
- Double Lock type with Rear Holder Designed to prevent backing-out and incomplete terminals insertion after inserting terminal into housing.

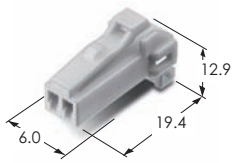
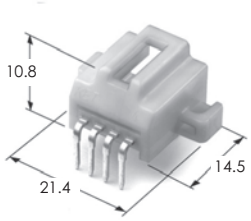
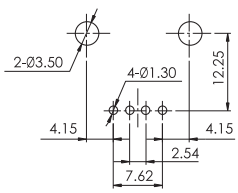
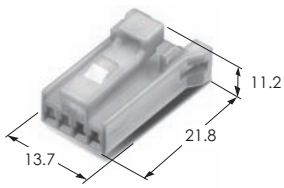
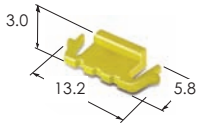
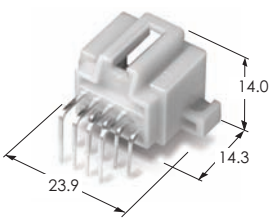
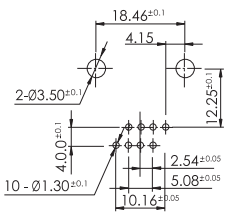
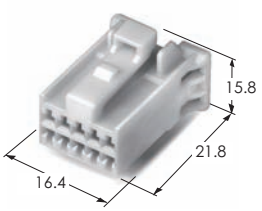
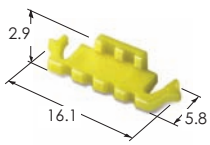




TERMINAL

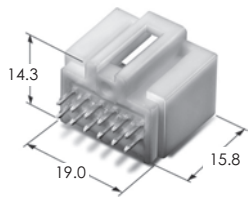
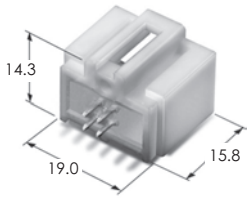
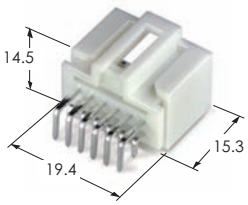
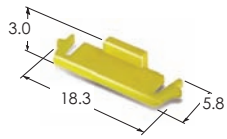
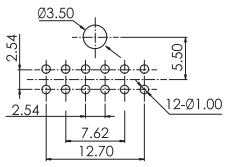
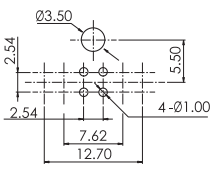
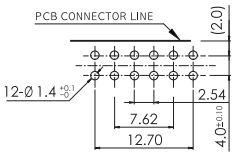
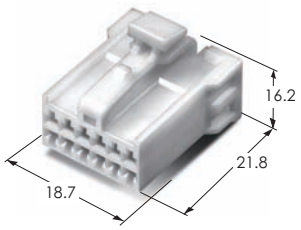
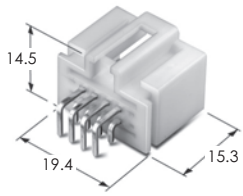
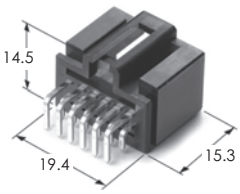
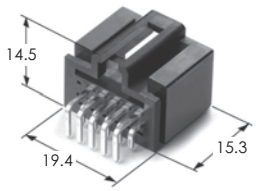
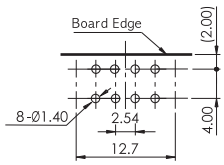
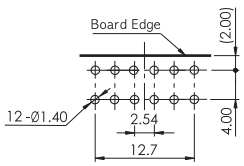
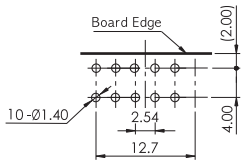
Part No.	Wire Range mm²	Material / Finish	Dimension(mm) L	E	W	Type
ST730517-3	AVSS 0.3 -0.5	Copper Alloy (Pre-Tin)	14.8	5.8	1.85	

040(SP) PCB HOUSING

Poles	PCB Connector	Female
2		MG613140 
4	MG640368(HZT)  	MG610366  MG630369-3 
10	MG640374(HZT-8P)  	MG610372  MG630375-3 

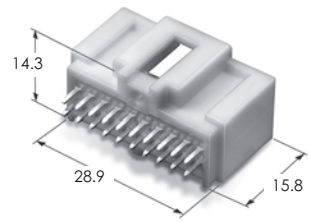
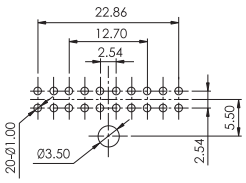
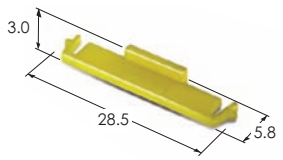
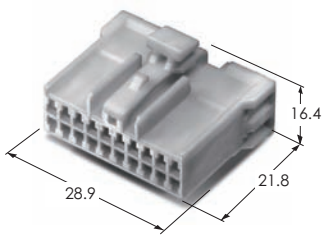
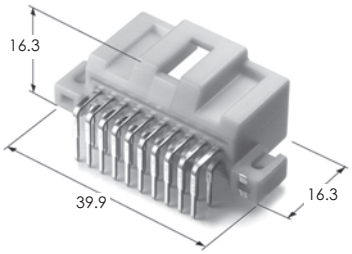
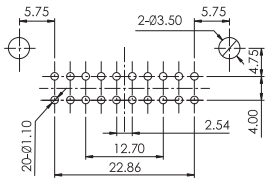
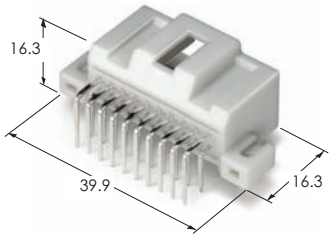
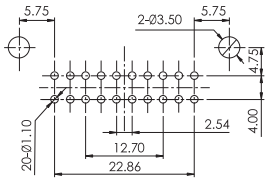
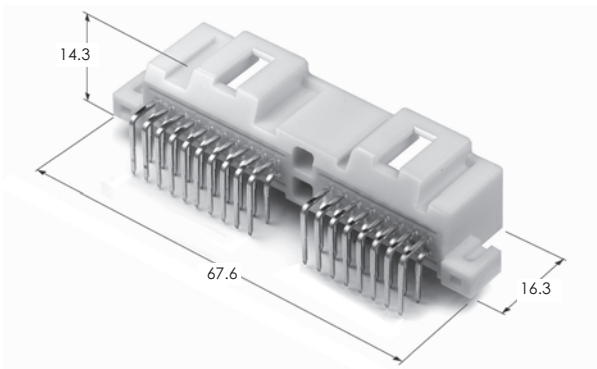
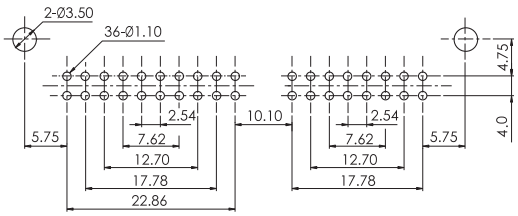
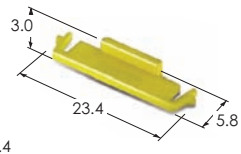
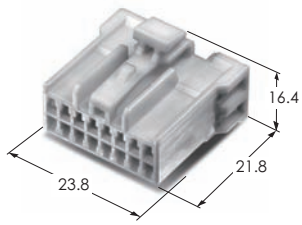
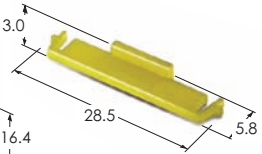
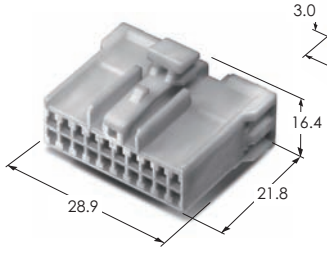
PCB CONNECTOR

040(SP) PCB HOUSING

Poles	PCB Connector			Female
12	MG640388(VRT-12P)	MG643295(VRT-4P)	MG645906(HZT-12P)	MG630377-3
				
				MG610376 
	MG642870(HZT-8P)	MG643684-5(HZT-12P)	MG643587-5(HZT-10P)	
				
				

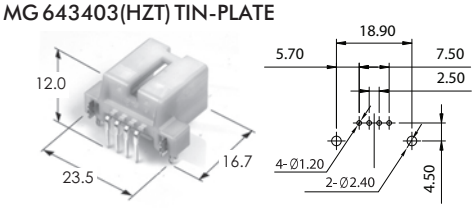
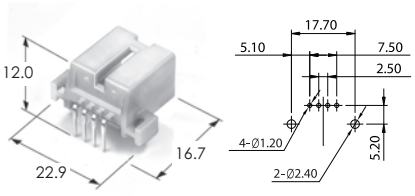
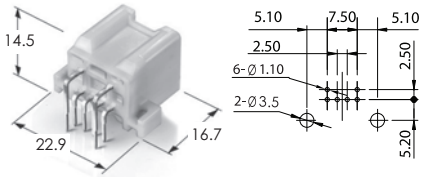
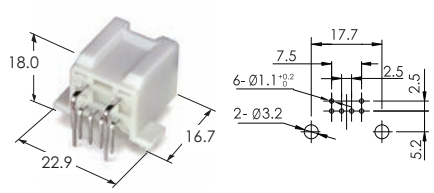
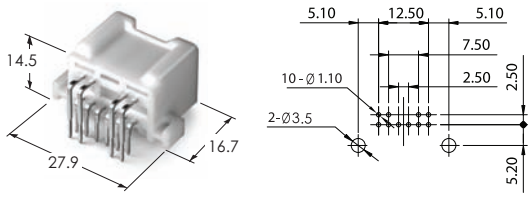
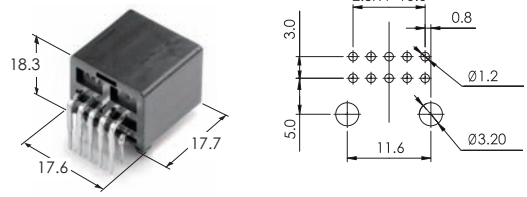
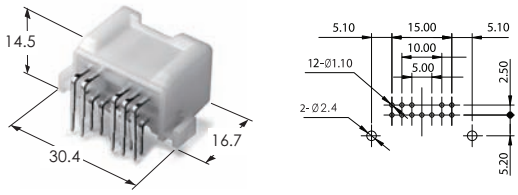
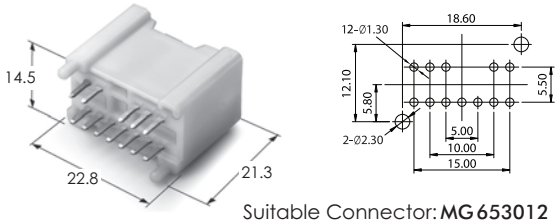
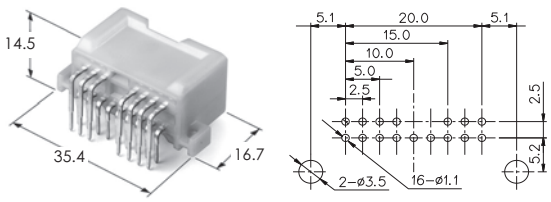
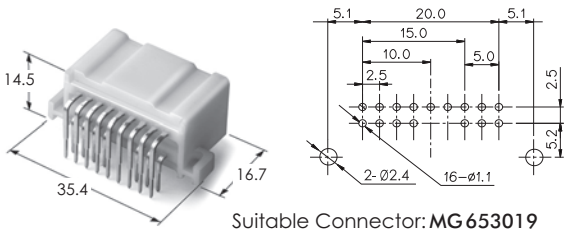
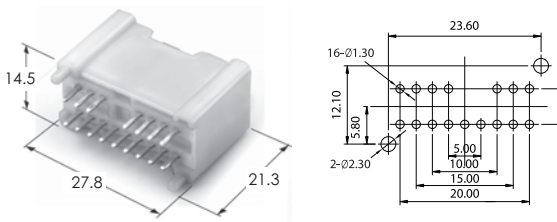
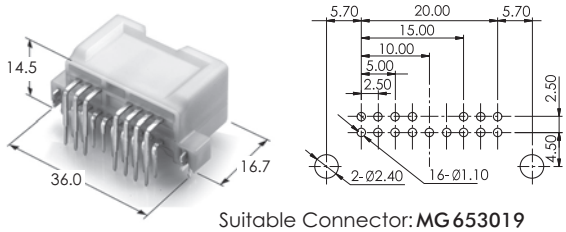
PCB CONNECTOR

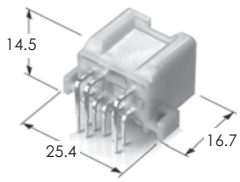
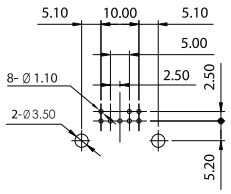
040(SP) PCB HOUSING

Poles	PCB Connector	Female
20	MG 640391 (VRT)   	MG 630365-3  MG 610363 
	MG 640380(HZT)   	
	MG 645051(HZT)   	
36	MG 640384(HZT)   	MG 630362-3 MG 610360(16P)   MG 630365-3 MG 610363(20P)  

PCB CONNECTOR

040111 PCB HOUSING

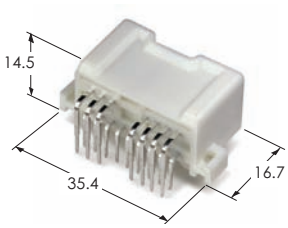
Poles	PCB Connector		
4	MG 643142(HZT) PRE-TIN MG 643403(HZT) TIN-PLATE  Suitable Connector: **MG 652999**	MG 643161(HZT)  Suitable Connector: **MG 652999**	8
6	MG 643324 (HZT)  Suitable Connector: **MG 653005**	MG 645896 (HZT)  Suitable Connector: **MG 653005**	
10	MG 643328 (HZT)  Suitable Connector: **MG 653329**	MG 645995-5 (HZT) 	
12	MG 643163 (HZT)  Suitable Connector: **MG 653012**	MG 643458 (VRT)  Suitable Connector: **MG 653012**	
16	MG 643037 (HZT)  Suitable Connector: **MG 653019**	MG 644937(HZT)  Suitable Connector: **MG 653019**	
	MG 643460 (VRT)  Suitable Connector: **MG 653019**	MG 643643 (HZT)  Suitable Connector: **MG 653019**	

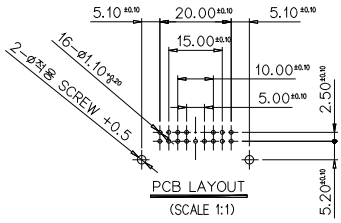
8	MG 643326 (HZT)  Suitable Connector: **MG 653257** 

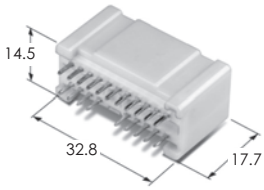
PCB CONNECTOR

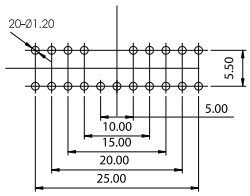
040111 PCB HOUSING

Poles	PCB Connector
16	MG 645897 (HZT)
20	MG 643722 (VRT) MG 643985-5 (VRT) MG 643039 (HZT)
24	MG 643057(HZT) MG 643535-4(HZT) MG 644839(HZT)
36	MG 643645 (HZT) MG 643322 (HZT) MG 646099

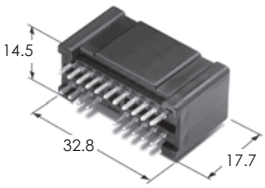


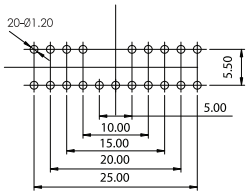




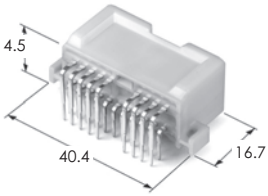


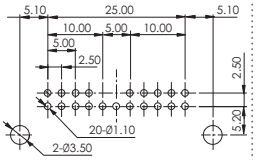
Suitable Connector: **MG 653026**



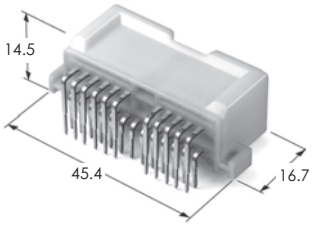


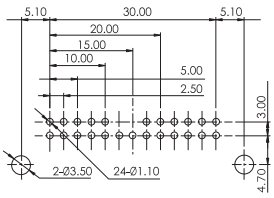
Suitable Connector: **MG 653026**



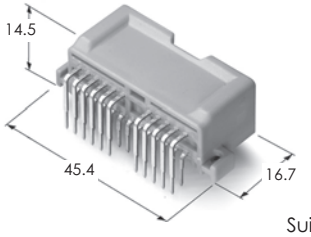


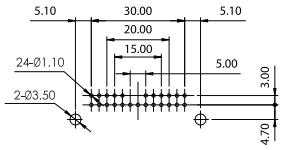
Suitable Connector: **MG 653026**



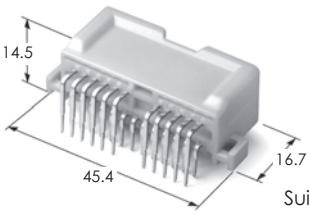


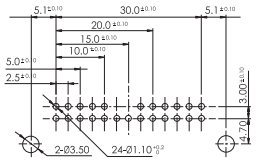
Suitable Connector: **MG 653033**



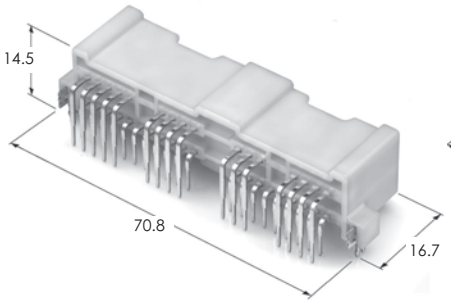


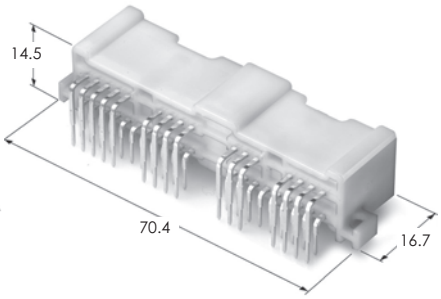
Suitable Connector: **MG 653537-4**

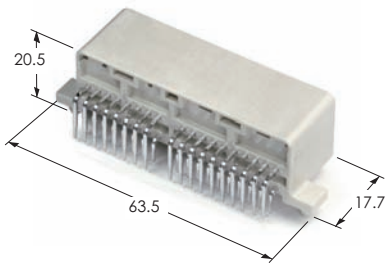


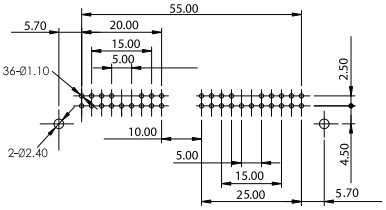


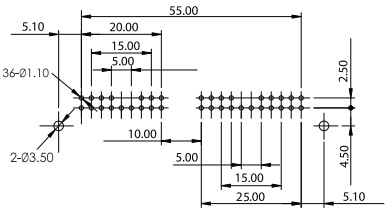
Suitable Connector: **MG 653033**

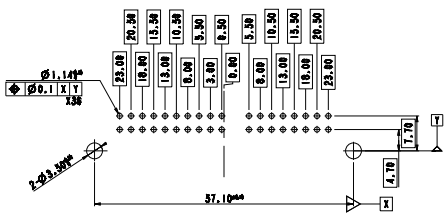








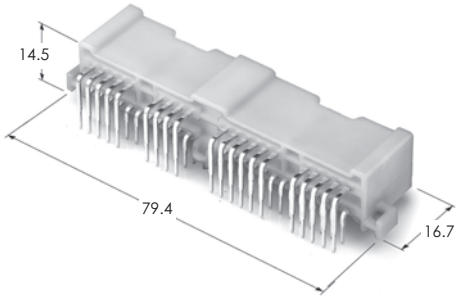
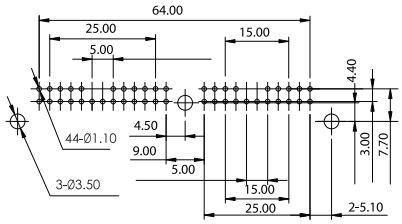
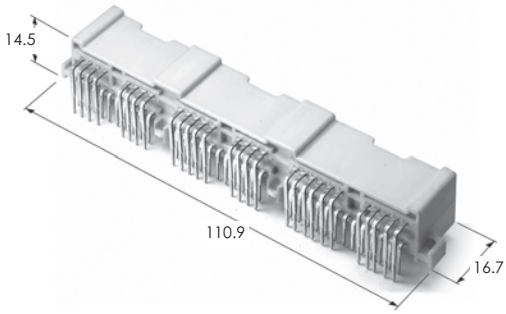
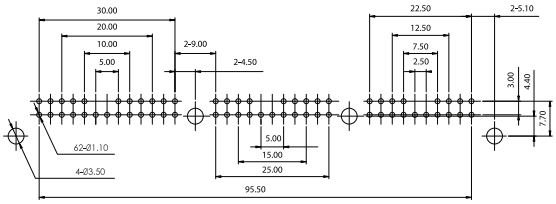




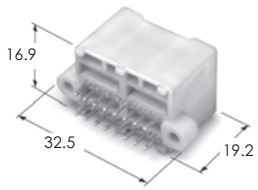
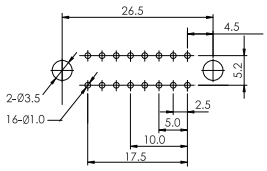
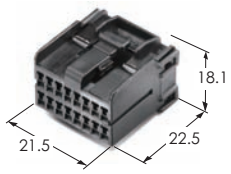
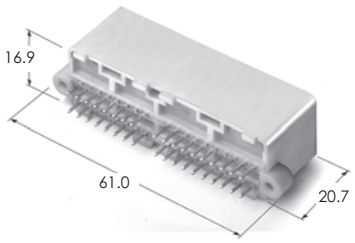
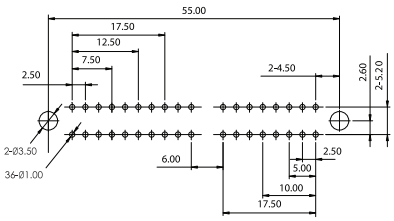
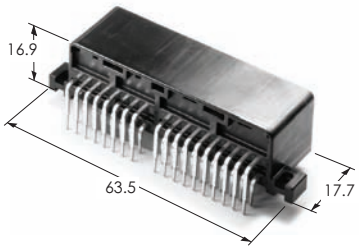
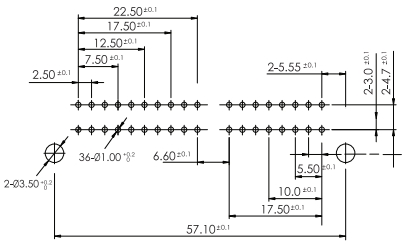
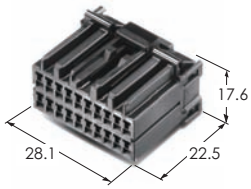
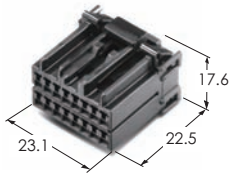
Suitable Connector: **MG 653019, MG 653026**

PCB CONNECTOR

040III PCB HOUSING

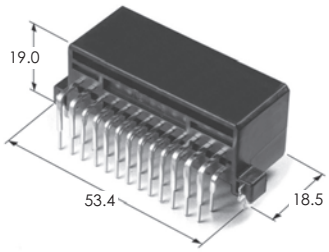
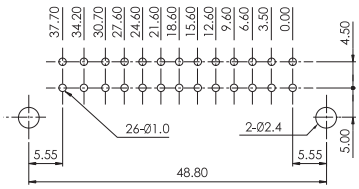
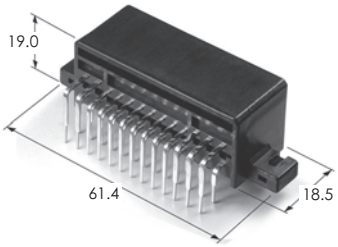
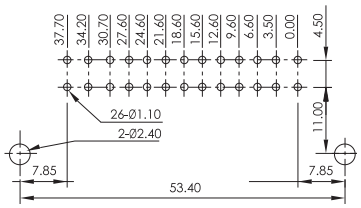
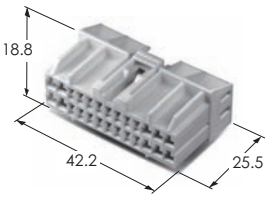
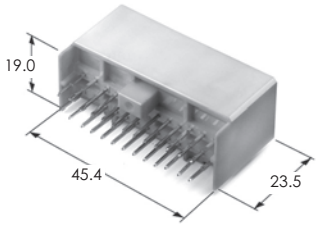
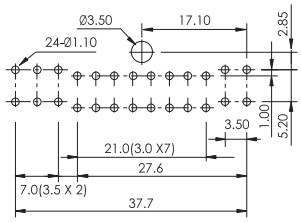
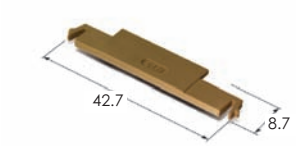
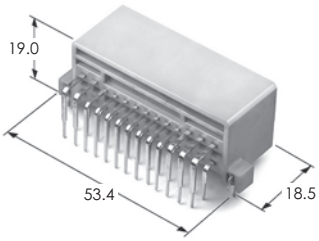
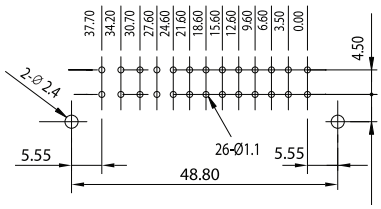
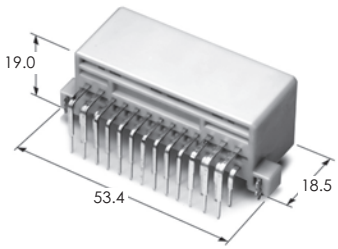
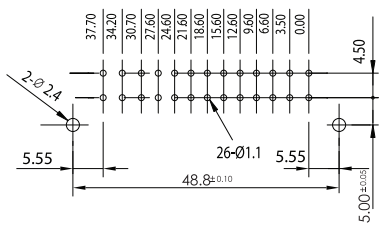
Poles	PCB Connector		Female
44	MG 643354 (HZT)   Suitable Connector: MG 653033(24P), MG 653026(20P)		
62	MG 643906 (HZT)   Suitable Connector: MG 653033(24P), MG 653026(20P), MG 652945(18P)		

040II PCB HOUSING

Poles	PCB Connector		Female
16	MG 644125(VRT) MG 645763-41(VRT)   		MG 614127-5  Suitable Terminal: ST 731078-3
36	MG 644112(VRT)   MG 644459-5(HZT)   Suitable Connector: MG 614119(20P), MG 614120(16P)		MG 614119-5(20Poles)  MG 614120-5(16Poles)  Suitable Terminal: ST 731078-3

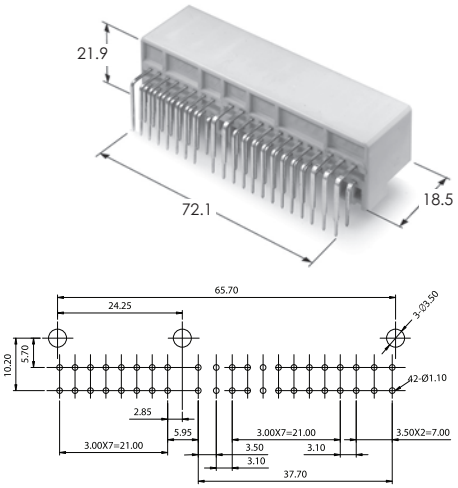
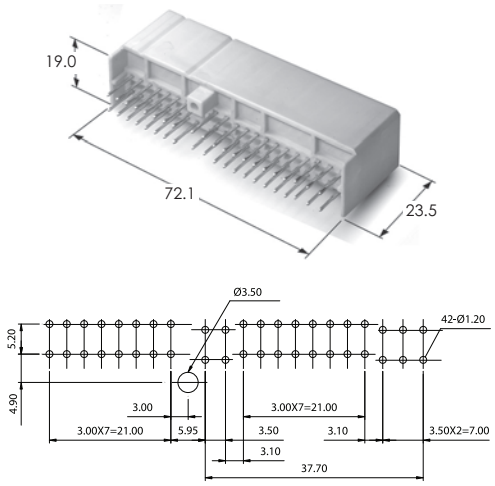
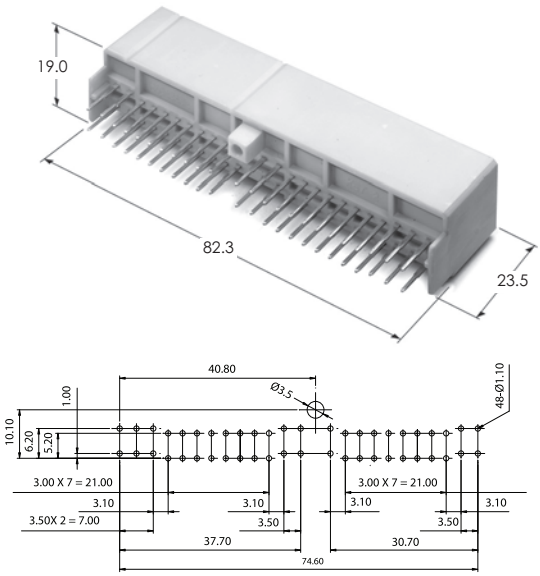
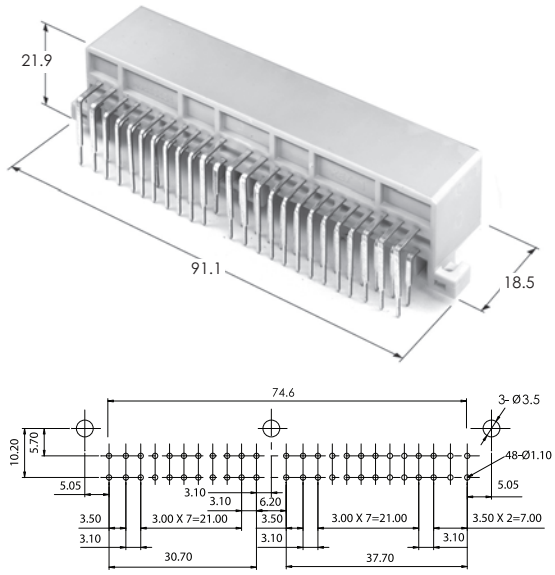
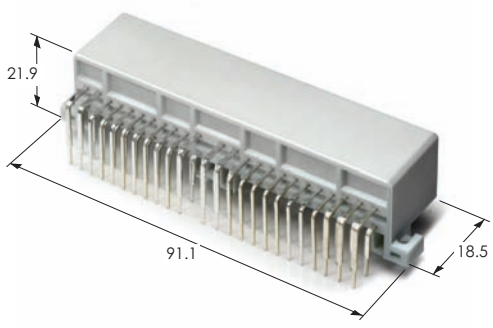
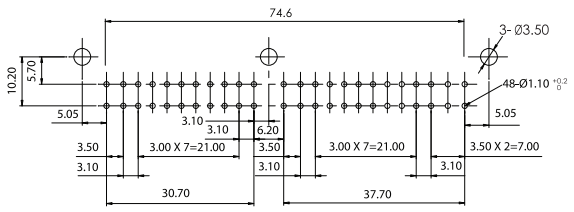
PCB CONNECTOR

0407 PCB HOUSING

Poles	PCB Connector	Female
26	MG641791-5(HZT-PCB LOCK)   (040 16P+070 10P)	
	MG642505-5(HZT-PCB LOCK)   	MG611336 
	MG642924(VRT)   	MG631337-7 
	MG643336(HZT-PCB LOCK)   	
	MG644585(HZT-GOLD)   	

PCB CONNECTOR

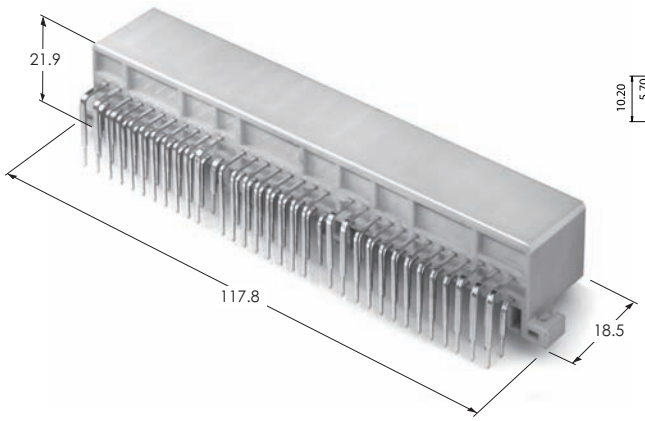
0407 PCB HOUSING

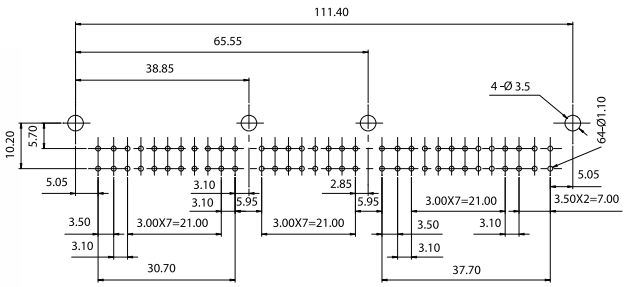
Poles	PCB Connector
42	MG 643859 (HZT)  MG 643911 (VRT)  (040II 32P+070 10P) Suitable Connector: MG 611332(040 16P), MG 611336(040 16P+070 10P)
48	MG 643432(VRT)  MG 643434(HZT)  (040II 32P+070 16P) Suitable Connector: MG 611336(26P), MG 611334(22P)
	MG 645134(HZT-GOLD)   (040II 32P+070 16P) Suitable Connector: MG 611336(26P), MG611334(22P)

PCB CONNECTOR

0407 PCB HOUSING

Poles	PCB Connector
64	MG643909(HZT)



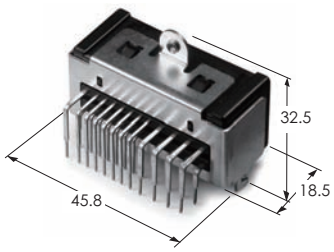


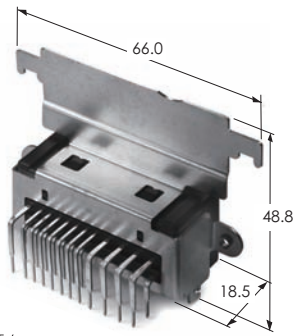
(040II 48P+070 16P)

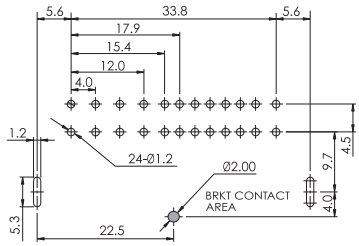
Suitable Connector: MG611336(26P), MG611334(22P), MG611332(16P)

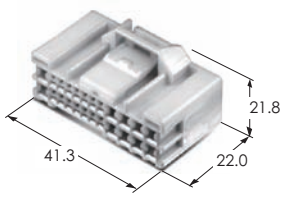
0409 PCB HOUSING

Poles	PCB Connector	Female
24	MG642910-5(HZT, A-TYPE) MG642974-5(HZT, B-TYPE)	MG652911

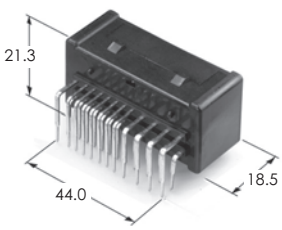


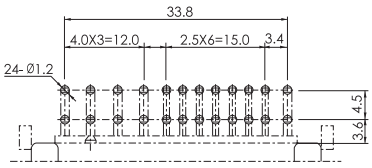






MG643678-5 (HZT-NON BRACKET TYPE)

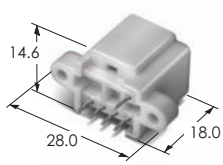
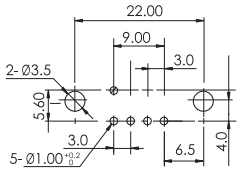
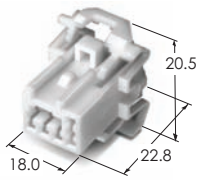
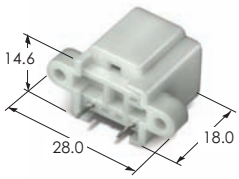
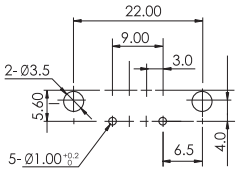
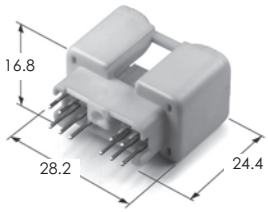
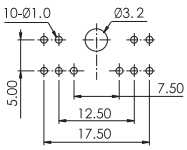
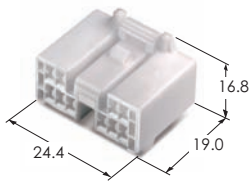
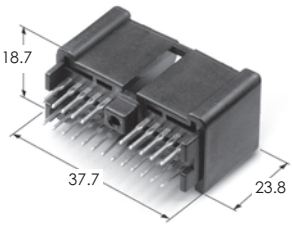
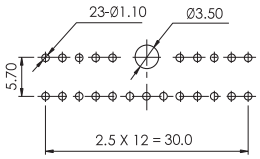
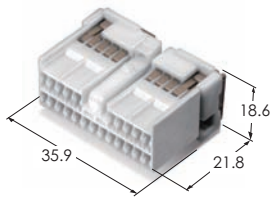
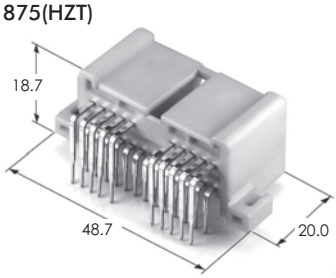
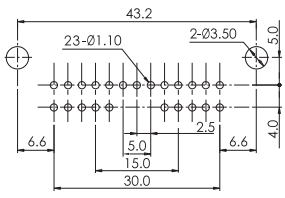
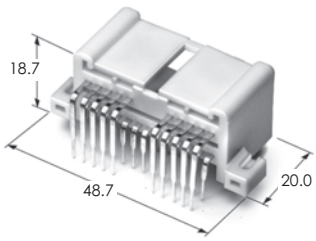
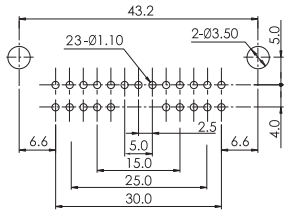




(040III 14P+090II 10P)

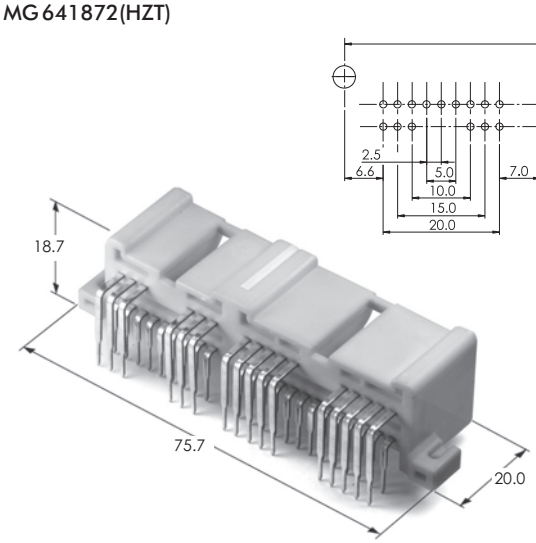
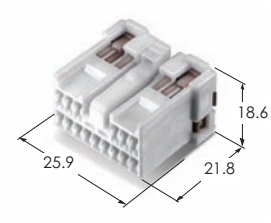
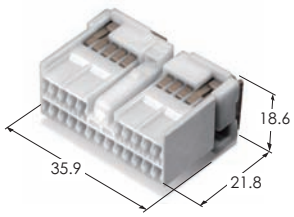
PCB CONNECTOR

050 PCB HOUSING

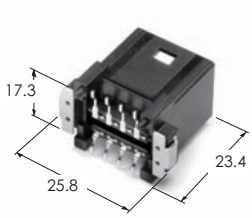
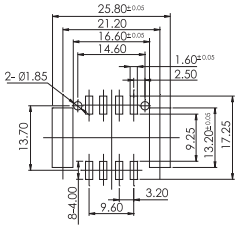
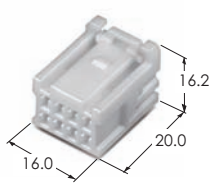
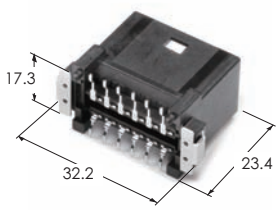
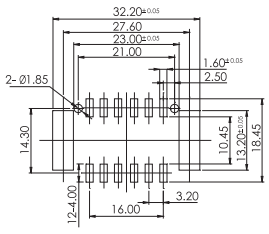
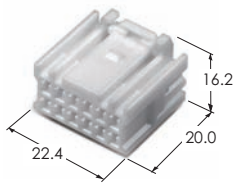
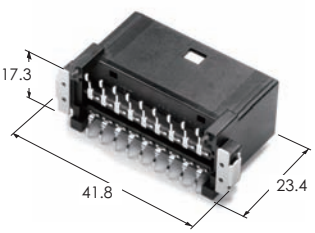
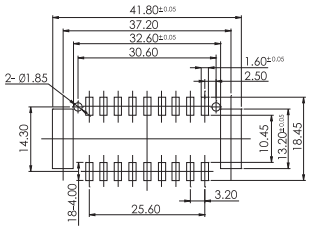
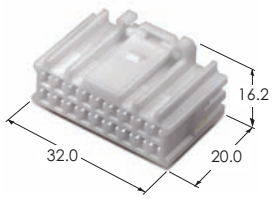
Poles	PCB Connector	Female
5	MG644352(VRT)   	MG614354 
	MG644381(VRT)   	
10	MG641732(VRT)   	MG651580 
23	MG642179-5(VRT)   	MG651563 
	MG641875(HZT)   	
	MG645050(HZT)   	

PCB CONNECTOR

050 PCB HOUSING

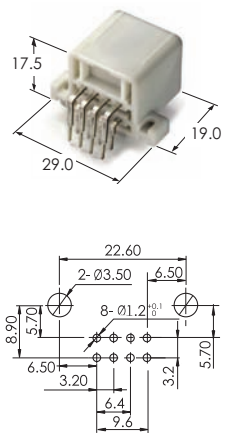
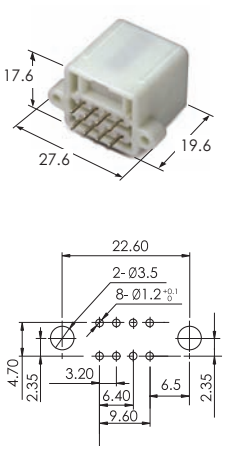
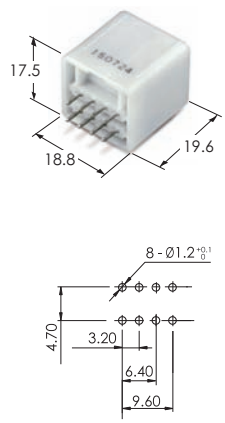
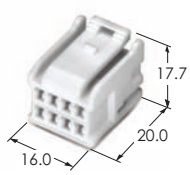
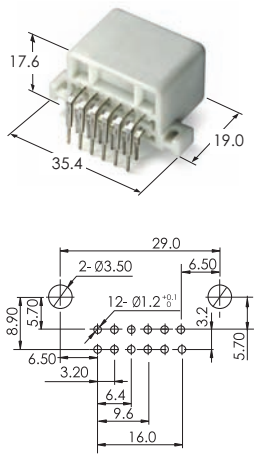
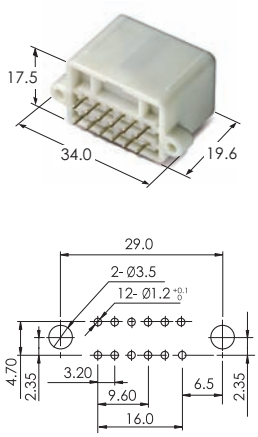
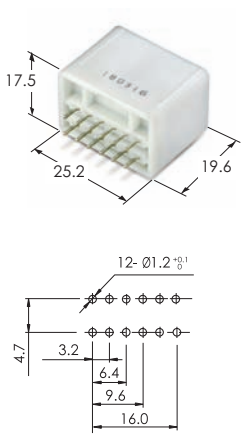
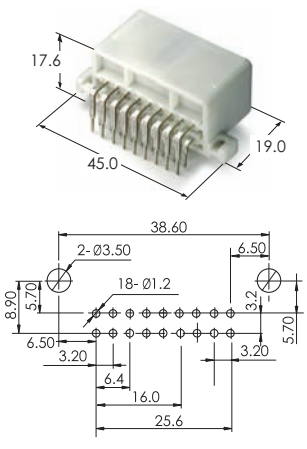
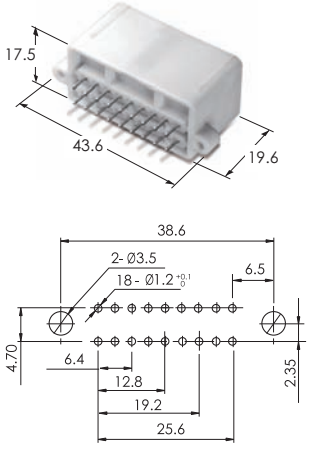
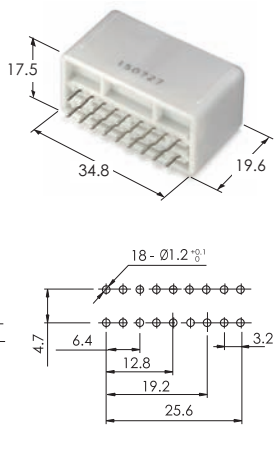
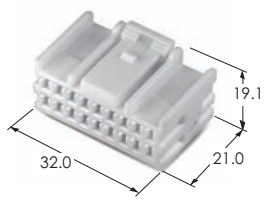
Poles	PCB Connector	Female
38	MG641872(HZT) 	MG651598  MG651563 

060 SMD HOUSING

Poles	PCB Connector	Female
8	MG645883(VRT)  	MG655827 
12	MG645884(VRT)  	MG655828 
18	MG645885(VRT)  	MG655829 

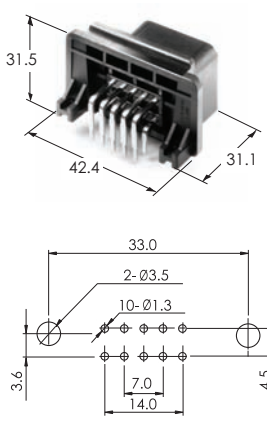
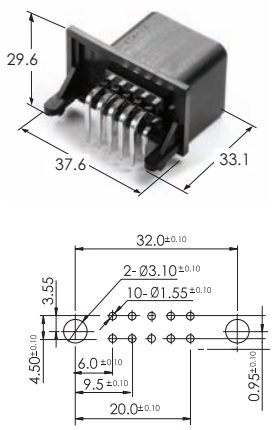
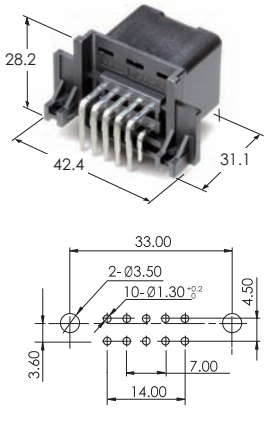
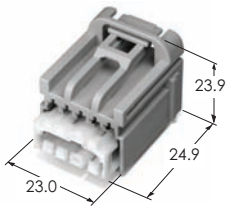
PCB CONNECTOR

NO60 PCB HOUSING

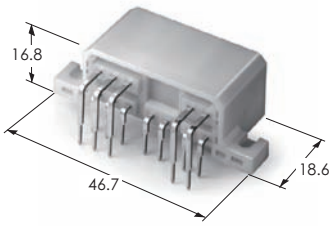
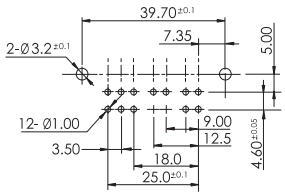
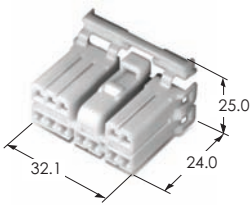
Poles	PCB Connector			Female
8	MG 645699(HZT)	MG 645702(VRT)	MG 645821(VRT)	MG 655603
				
	Suitable Connector: MG 655603			
12	MG 645700(HZT)	MG 645703(VRT)	MG 645822(VRT)	MG 655613
				
	Suitable Connector: MG 655613			
18	MG 645701(HZT)	MG 645704(VRT)	MG 645823(VRT)	MG 655628
				
	Suitable Connector: MG 655628			

PCB CONNECTOR

06011 PCB HOUSING

Poles	PCB Connector			Female
	MG645488-5(HZT)	MG645395-5(HZT)	MG645769-5(HZT)	MG655347-41
10				

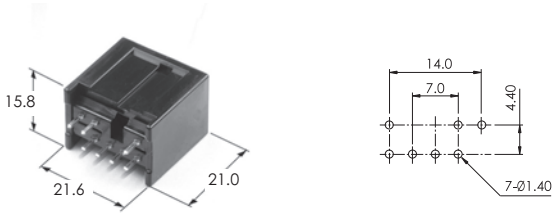
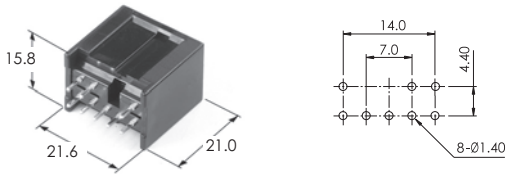
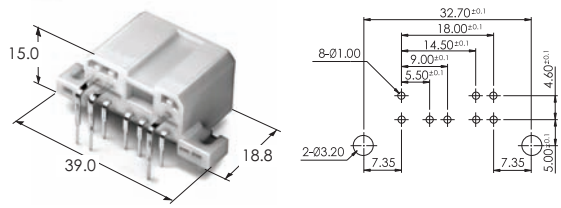
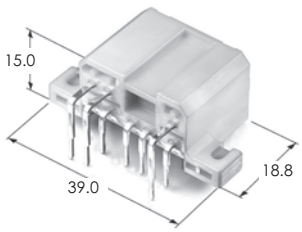
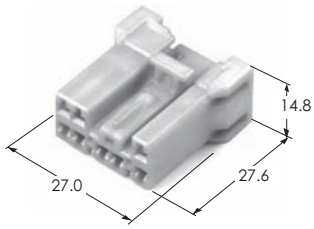
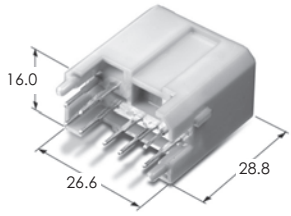
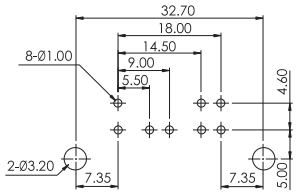
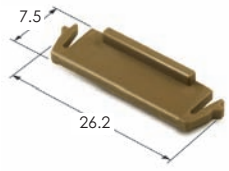
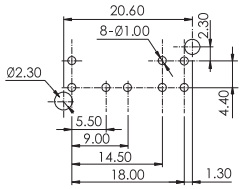
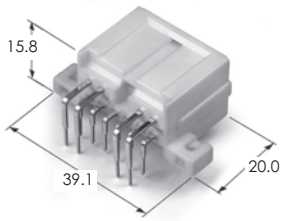
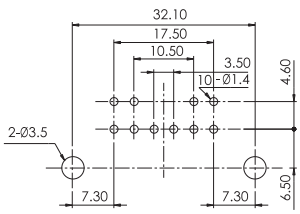
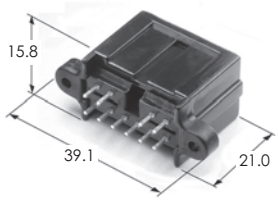
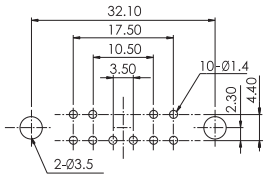
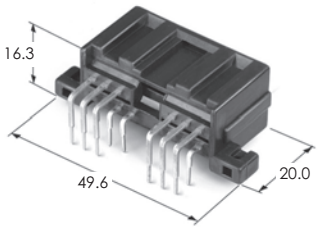
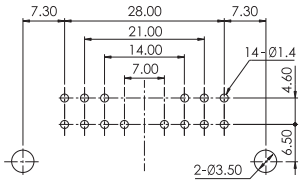
070 PCB HOUSING

Poles	PCB Connector		Female
	MG644473(HZT)		MG614475
12			

PCB

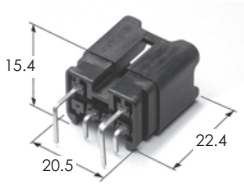
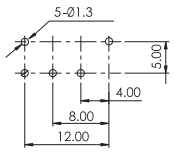
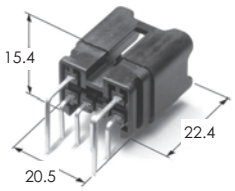
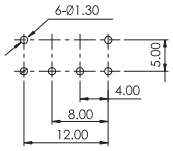
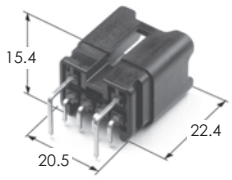
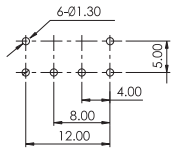
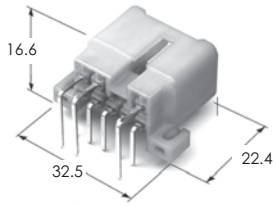
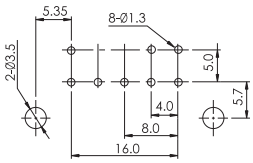
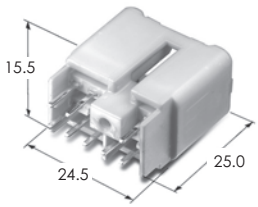
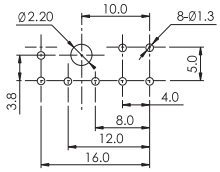
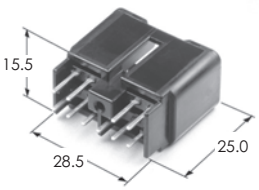
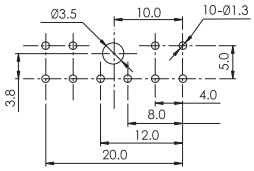
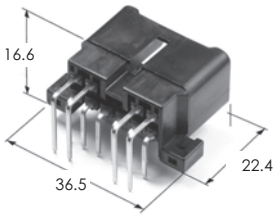
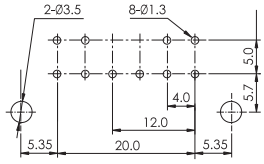
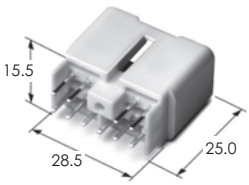
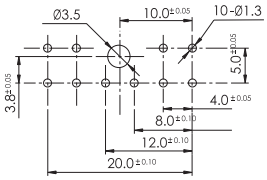
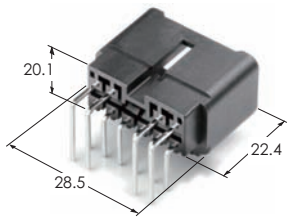
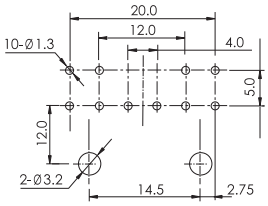
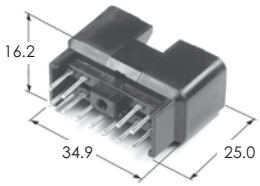
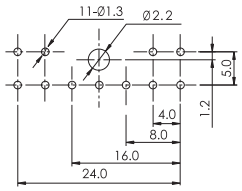
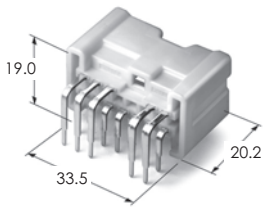
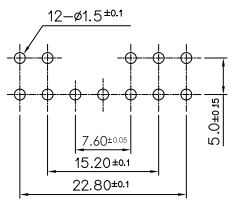
PCB CONNECTOR

SDLII PCB HOUSING

Poles	PCB Connector
7	MG 642835-5(VRT)  Suitable Connector: MG 610402
	MG 643687(VRT)  Suitable Connector: MG 610402 MG 645052(HZT)  Suitable Connector: MG 610789
8	MG 640861(HZT)  MG 610896(Female)  MG 641009(VRT)   MG 630897-7(R/H)  
10	MG 641481(HZT)   Suitable Connector : MG 610404 MG 641921(VRT)   Suitable Connector: MG 610404
14	MG 641483(HZT)   Suitable Connector: MG 610406

PCB CONNECTOR

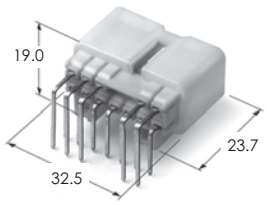
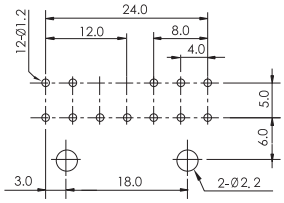
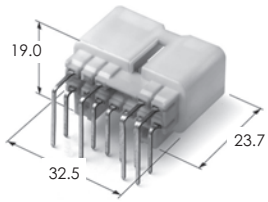
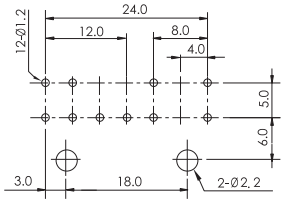
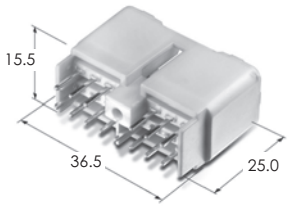
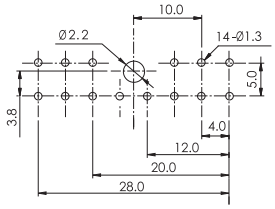
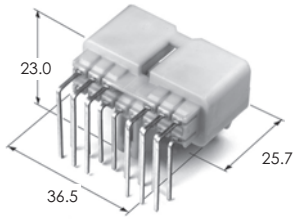
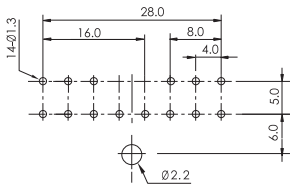
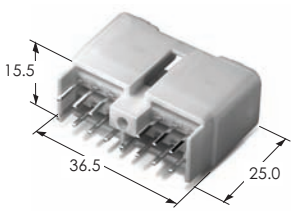
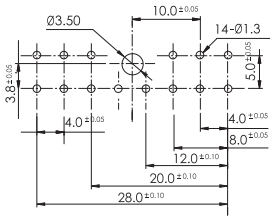
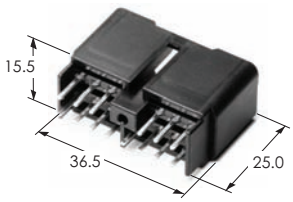
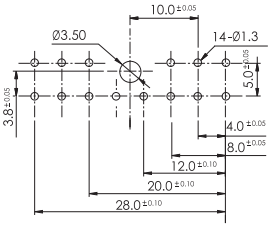
09011 PCB HOUSING

Poles	PCB Connector
5	MG 640665(HZT)   Suitable Connector: MG 651044
6	MG 643054(HZT)   MG 640743(HZT)   Suitable Connector: MG 651044
8	MG 640892(HZT)   MG 641485(VRT)   Suitable Connector: MG 651050
10	MG 641854(VRT), MG 643708(VRT-Copper Sn)   Suitable Connector: MG 651056 MG 642108(HZT), MG 645733-7(HZT-B), MG 645736-1(HZT-C)   Suitable Connector: MG 651056, MG 655680-7, MG 655681-1 MG 644835(VRT)   Suitable Connector: MG 651056 MG 645905(HZT)  
11	MG 642016(VRT)   Suitable Connector: MG 651350
12	MG 645021(HZT)  

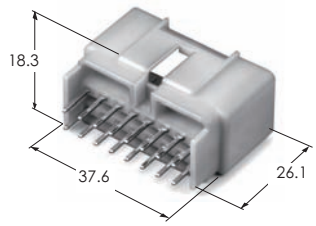
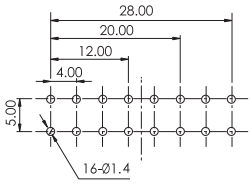
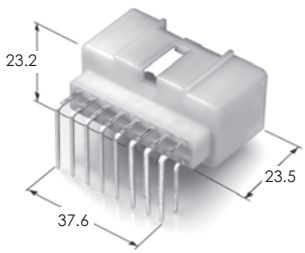
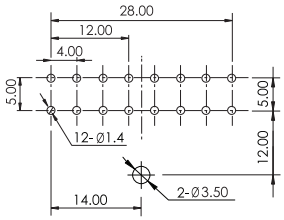
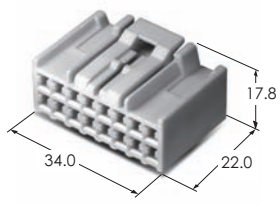
PCB

PCB CONNECTOR

09011 PCB HOUSING

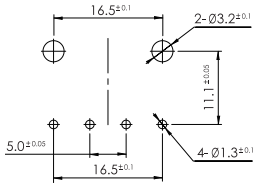
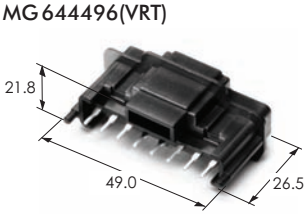
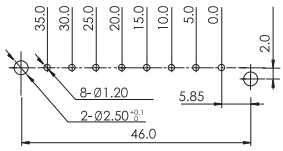
Poles	PCB Connector
12	MG 642466(HZT)   MG 644011(HZT)   Suitable Connector: MG 651965
14	MG 641487(VRT)   MG 642666(HZT)   Suitable Connector: MG 651110
	MG 642868(VRT)   MG 644837-5(VRT)  

ASC PCB HOUSING

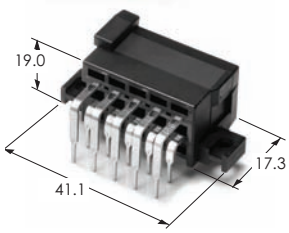
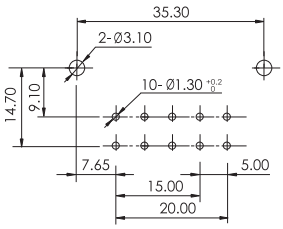
Poles	PCB Connector	Female
16	MG 643200(VRT)   MG 643715 (HZT)   	MG 653198 

PCB CONNECTOR

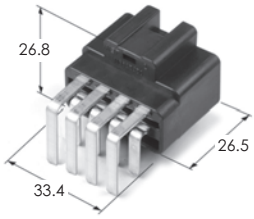
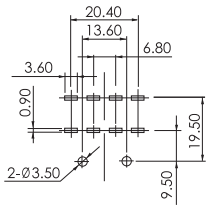
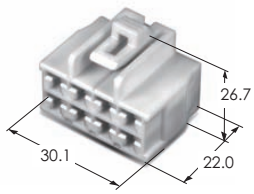
110 PCB HOUSING

Poles	PCB Connector		Poles	PCB Connector	
4	MG646136-5(HZT)   Suitable Connector: MG655778-11		8	MG644496(VRT)  	

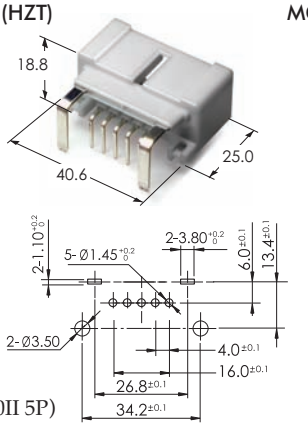
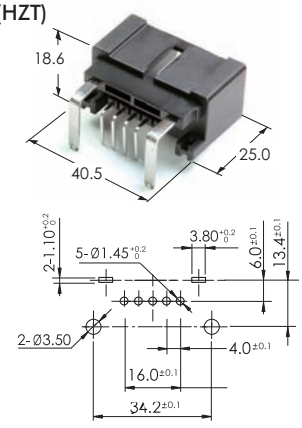
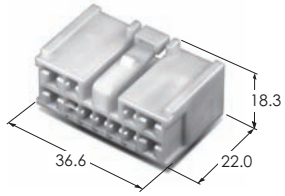
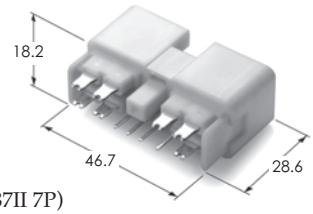
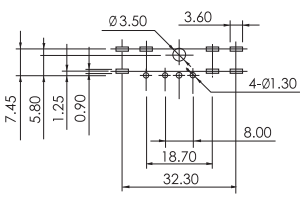
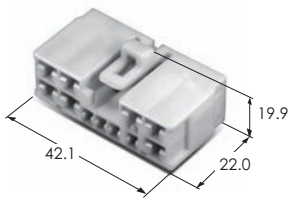
118 PCB HOUSING

Poles	PCB Connector	
10	MG645637-5(HZT)  	

18711 PCB HOUSING

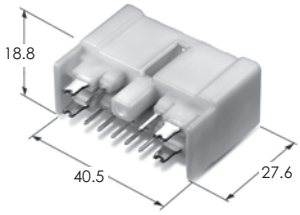
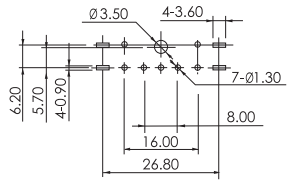
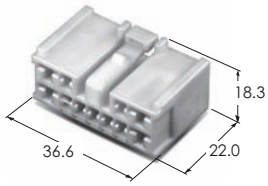
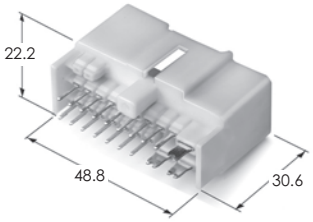
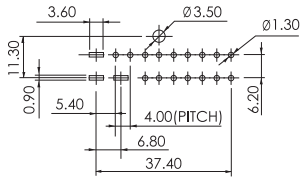
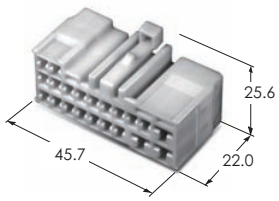
Poles	PCB Connector		Female
8	MG643430-5 (HZT)  (187 8P) 		MG652220 

18091 PCB HOUSING

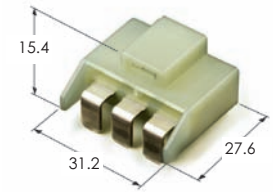
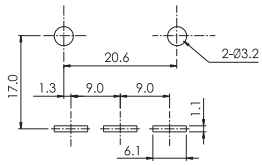
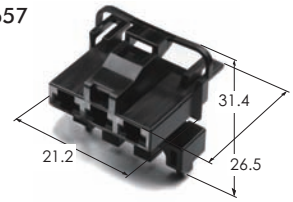
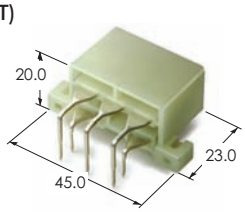
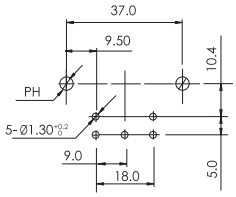
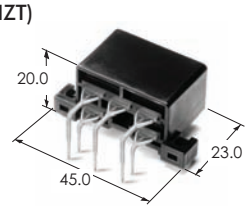
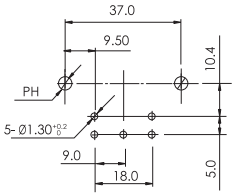
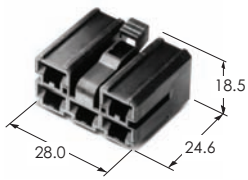
Poles	PCB Connector		Female
7	MG644422(HZT)  (187II 2P+090II 5P) MG645984-5(HZT) 		MG651525 
11	MG643314(VRT)  (090II 4P+187II 7P) 		MG651917 

PCB CONNECTOR

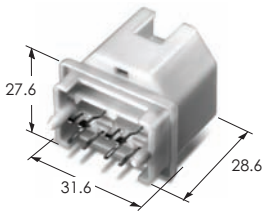
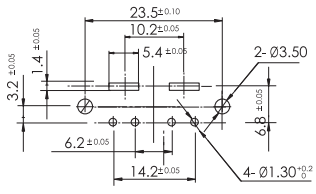
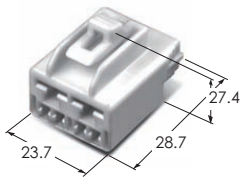
1809 PCB HOUSING

Poles	PCB Connector	Female
11	MG643335(VRT)   (187 4P+090 7P)	MG651525 
19	MG643312(VRT)   (187 3P+090 16P)	MG612102 

250 PCB HOUSING

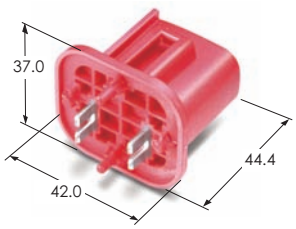
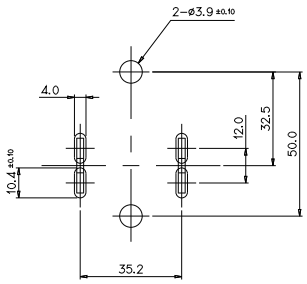
3	MG641659(HZT)  	MG611657  Suitable Terminal:ST730467,ST730468,ST730469
5	MG644881(HZT)   MG644462-5(HZT)  	MG614463 

3109 PCB HOUSING

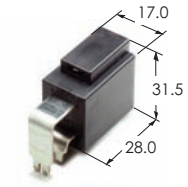
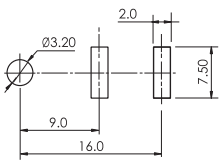
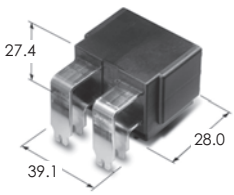
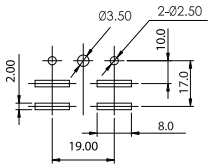
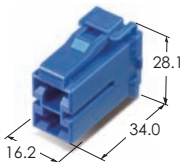
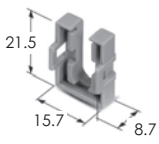
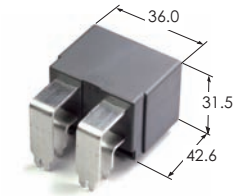
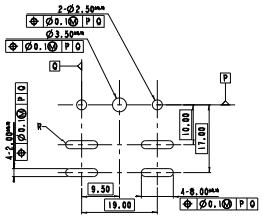
6	MG645221(VRT)   (090II 4P+312II 2P)	MG652037 

PCB CONNECTOR

iMEB 375 PCB HOUSING

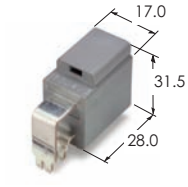
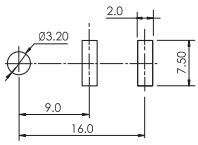
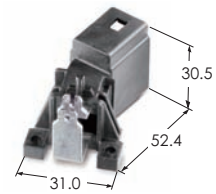
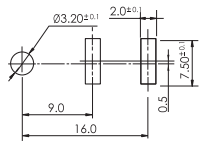
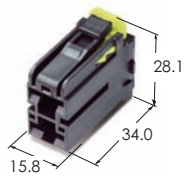
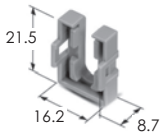
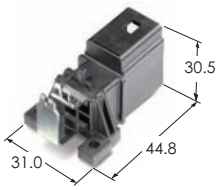
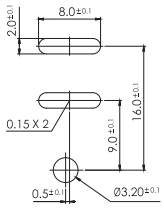
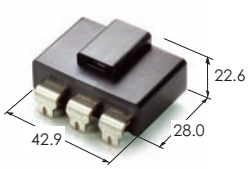
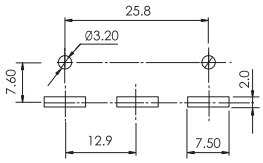
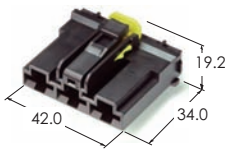
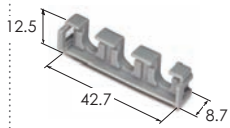
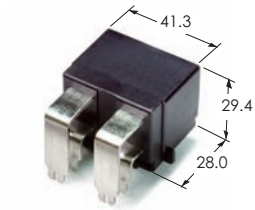
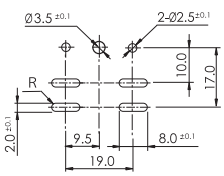
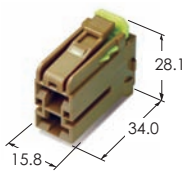
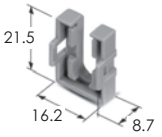
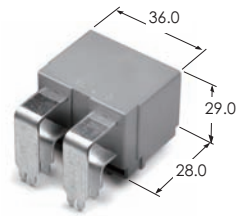
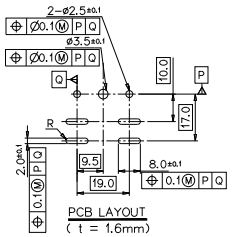
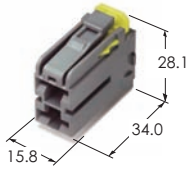
Poles	PCB Connector
2	MG646026-1  

375 PCB HOUSING

Poles	PCB Connector	Female	Rear Holder
2	MG644710-5(HZT)  	MG610557 	MG630656-4
4	MG643681-5(HZT)  	MG610557  MG613692-2 	
	MG646137-40(HZT)  		

PCB CONNECTOR

375 PCB HOUSING

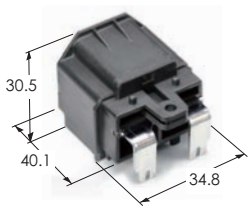
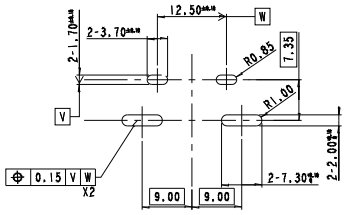
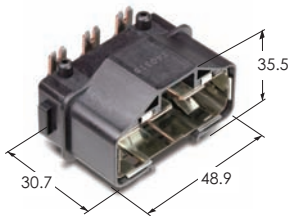
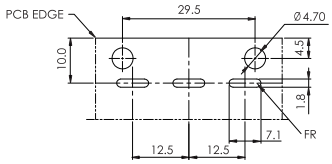
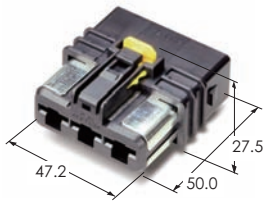
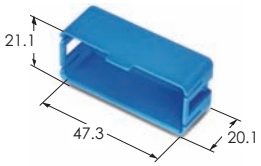
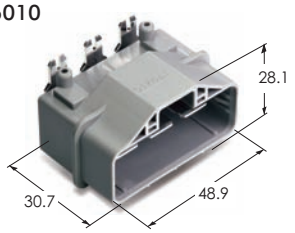
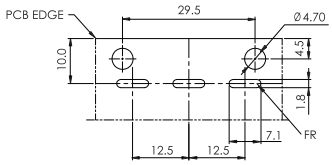
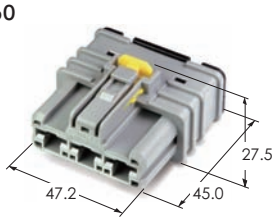
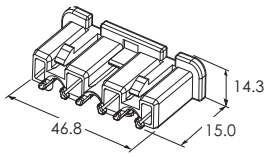
Poles	PCB Connector	Female	Rear Holder
2	MG 645697-4(HZT)   	MG 655655-5	MG 630656-4
	MG 645829-5(HZT)   	 	
	MG 646050-5(HZT)   		
3	MG 645698-5(HZT)   	MG 655656-5  	MG 635606-4 
4	MG 645726-5(HZT)   	MG 655674-7  	MG 630656-4 
	MG 645938-40(HZT)   	MG 655675-40  	

PCB CONNECTOR

- PCB Connector is well suited for high circuit density boards with high reliability.
- A rear holder prevents incomplete terminal locking into housing.
- EMC Shield is included



MDPS 375 PCB HOUSING

Poles	PCB Connector	Female	Rear Holder
2	MG 646025-5 		
3	MG 645737(A) MG 645766(B)   Suitable Terminal: ST730722-3	MG 655682(A) MG 655682(B) 	MG 635641-2(A) MG 635646-2(B) 
	MG 646010   Suitable Terminal: ST730722-3	MG 656860 	MG 635778 

MATERIAL	Current Rating	:	60A
	Voltage Rating	:	DC 12V
	Waterpfoof	:	Non-waterproof
	Temperature Range	:	-40℃~80℃
	Applicable Terminal	:	KET 375 Terminal
	Wire Range	:	8SQ Shield Wire(A), 5SQ Shield Wire(B)

MATERIAL	Current Rating	:	60A
	Voltage Rating	:	DC 12V
	Waterpfoof	:	Non-waterproof
	Temperature Range	:	40℃~80℃
	Applicable Terminal	:	KET 375 Terminal
	Wire Range	:	8SQ Nun Shield Wire

Ⓐ



Ⓑ



CRIMP RING

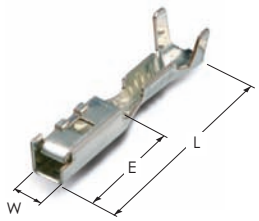
Part No.	Material		Dimension(mm)			Type
	Thick.	Finish	L	∈	W	
MG 685414 MG 685420	0.5	Copper Alloy (Tin Plate)	5.0	-	10.4	Ⓐ

SUPPORT RING

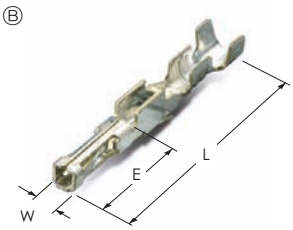
Part No.	Material		Dimension(mm)			Type
	Thick.	Finish	L	∈	W	
MG 685415 MG 685418	0.5	Copper Alloy (Tin Plate)	8.5	-	10.8	Ⓑ

PCB CONNECTOR

Ⓐ



Ⓑ



2.2mm TERMINAL(MCCP)

Part No.	Wire Range		Material	Dimension(mm)			Type
	AWG	mm^2	Finish	L	E	W	
ST730409-3	22-18	AVSS 0.3~0.85	Phos Bronze (Pre-Tin)	17.8	7.6	3.0	Ⓐ
ST730410-3	18-16	AVSS 0.85-1.25	Phos Bronze (Pre-Tin)	17.8	7.6	3.0	

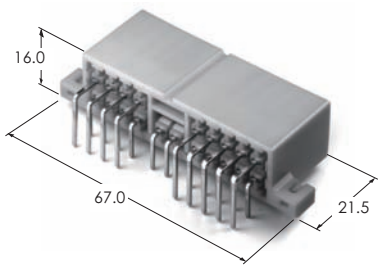
▶ These connectors provide capacity with numerous leads.
They are well suited for high circuit density boards and provide connectors with high reliability.

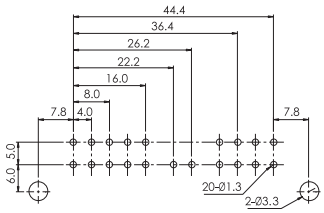
0.64mm PCB PIN RECEPTACLE

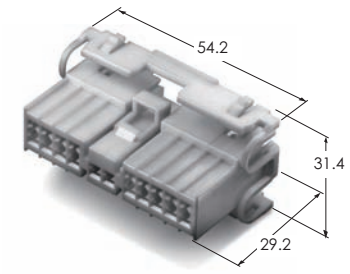
ST730424-3	22-20	AVSS 0.3~0.5	Brass (Pre-Tin)	19.0	6.5	2.0	Ⓑ

2.2mm PCB HOUSING(MCCP)

Poles	PCB Connector	Female
20	MG640242(HZT)	MG610240

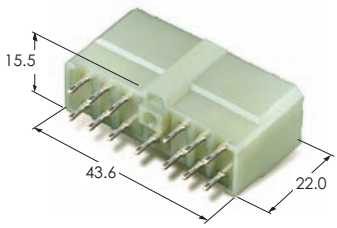


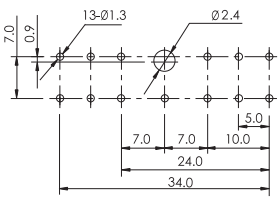


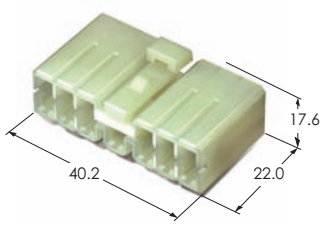


3mm PCB HOUSING

Poles		
13	MG642517(VRT)	MG610216



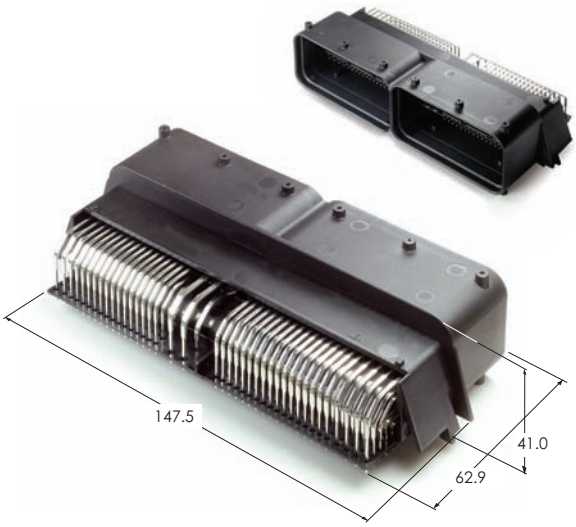




PCB(ECU & PCU 196P) CONNECTOR

ECU 196M PCB CONNECTOR

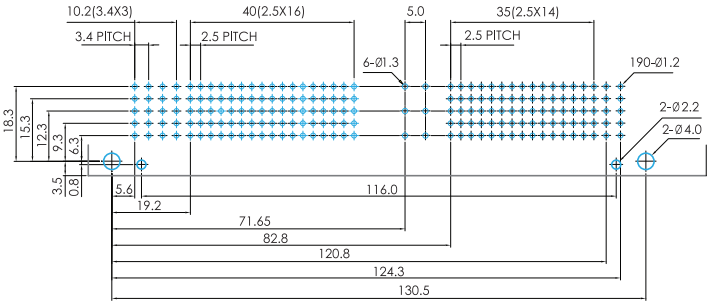
MG 644148



- Suitable for the system that transmits the signals sent by the sensor in a micro-computer equipped in an engine controlling unit.
- Strong durability against vibration and excellent connection.
- Multi pole and water proof connector

105 PIN	91 PIN
1.2 mm TAB 105EA	1.2 mm TAB 85EA
	2.8 mm TAB 6EA

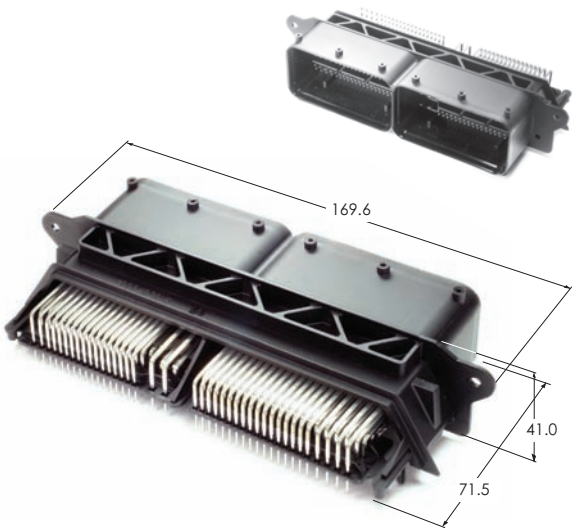
- Double locking system with inner body.
- They are high-quality, high-performance connectors.



PCB(ECU & PCU 196P) CONNECTOR

ECU 196M PCB CONNECTOR

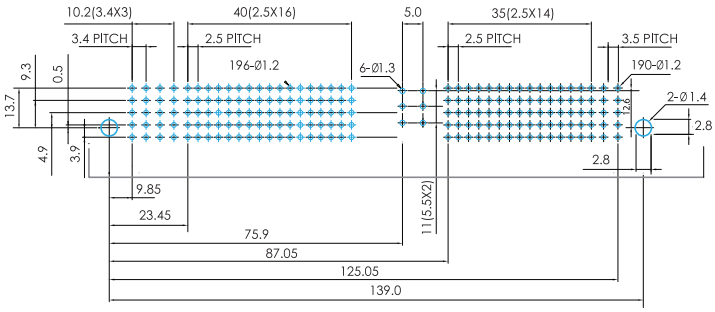
MG 645035-5



- Suitable for the system that transmits the signals sent by the sensor in a micro-computer equipped in an engine controlling unit.
- Strong durability against vibration and excellent connection.
- Multi pole and water proof connector

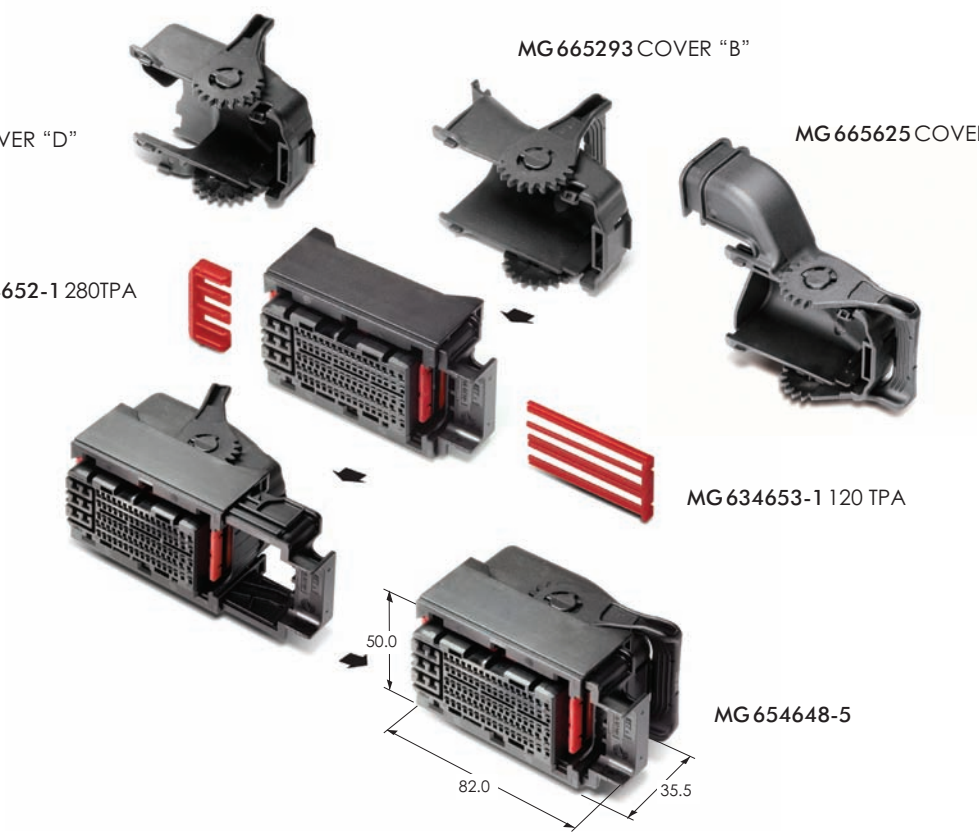
105 PIN	91 PIN
1.2 mm TAB 105EA	1.2 mm TAB 85EA
	2.8 mm TAB 6EA

- Double locking system with inner body.
- They are high-quality, high-performance connectors.

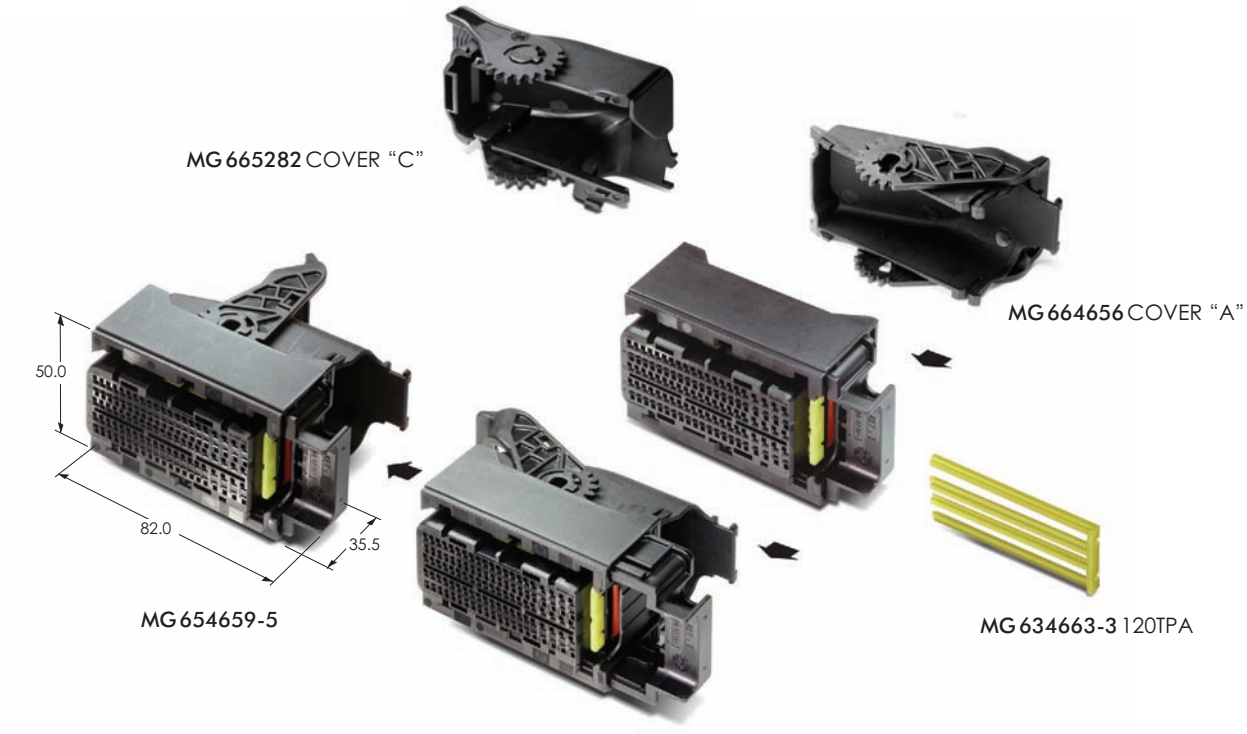


PCB(ECU & PCU 196P) CONNECTOR

PCU/ECU 91P CONNECTOR



PCU/ECU 105P CONNECTOR



PCB(ECU & PCU 196P) CONNECTOR

Lever Type



COVER ASSY (A)
MG 664656/MG 665874



COVER ASSY (B)
MG 665293



COVER ASSY (F)
MG 665787



COVER ASSY (G)
MG 665788



COVER ASSY (C)
MG 665282



COVER ASSY (D)
MG 665283



COVER ASSY (H)
MG 665824



COVER ASSY (I)
MG 665825



COVER ASSY (E)
MG 665625/MG 665875



COVER ASSY (L)
MG 665898



COVER ASSY (J)
MG 665880

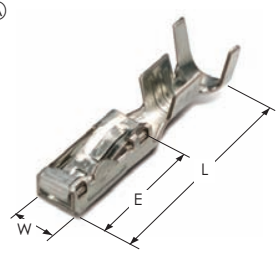


COVER ASSY (K)
MG 665881

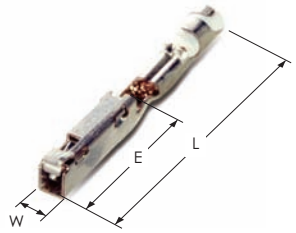
Part Name	Part No.	Lever Type	Cover Assy	Cover	Finish
PCU/ECU 196P COVER ASSY(A)	MG 664656	Long	A	Black	-
PCU/ECU 196P COVER ASSY(A)	MG 665874	Long	A	Black	Cover Surface Grain Style : HT 86
PCU/ECU 196P COVER ASSY(H)	MG 665824	Short	H	Black	-
PCU/ECU 196P COVER ASSY(B)	MG 665293	Long	B	Black	-
PCU/ECU 196P COVER ASSY(I)	MG 665825	Short	I	Black	-
PCU/ECU 196P COVER ASSY(C)	MG 665282	Long	C	Black	-
PCU/ECU 196P COVER ASSY(G)	MG 665788	Short	G	Black	-
PCU/ECU 196P COVER ASSY(D)	MG 665283	Long	D	Black	-
PCU/ECU 196P COVER ASSY(F)	MG 665787	Short	F	Black	-
PCU/ECU 196P COVER ASSY(L)	MG 665898	Long	L	Black	-
PCU/ECU 196P COVER ASSY(E)	MG 665625	Long	E	Black	-
PCU/ECU 196P COVER ASSY(E)	MG 665875	Long	E	Black	Cover Surface Grain Style : HT 86
PCU/ECU 196P COVER ASSY(J)	MG 665880	Short	J	Black	-
PCU/ECU 196P COVER ASSY(K)	MG 665881	Short	K	Black	-

PCB(ECU & PCU 196P) CONNECTOR

Ⓐ



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TERMINAL

Part No.	Wire Range		Material	Dimension(mm)			Type
	AWG	mm²	Finish	L	E	W	
ST731152-3	16-14	AEXF 1.25 AESSXF 2.0~2.5	Copper Alloy (Pre-Tin)	19.3	9.5	4.0	Ⓐ
ST731314-3	22	AVSS(AESSXF) 0.3	Copper Alloy (Pre-Tin)	16.7	7.5	1.8	Ⓑ
ST731163-3	20-18	AVSS(AESSXF) 0.5~0.85	Copper Alloy (Pre-Tin)	16.7	7.5	1.8	
ST731164-3	17-16	AVSS(AESSXF) 1.0~1.25	Copper Alloy (Pre-Tin)	16.7	7.5	1.8	

WIRE SEAL

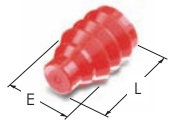
Part No.	Wire Range mm²	Material	Color	Dimension(mm)		Type
				L	E	
MG685248	AEXF 1.25 AESSXF 2.0	Silicone	Blue	8.5	Ø5.7	Ⓒ
MG685259	AEXF 2.0 AESSXF 2.5	Silicone	Black	8.5	Ø5.7	
MG685520	Dummy Seal	Silicone	Red	9.1	Ø5.9	Ⓓ

Ⓒ



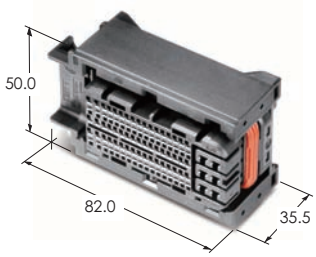


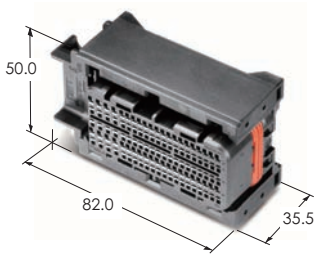
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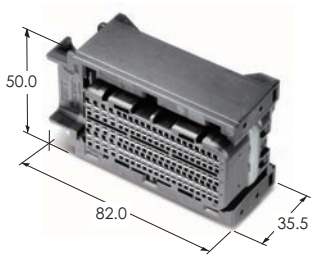


CONNECTOR

Poles	Female	Poles	Female
91	MG654648-5	105	MG654659-5
			MG655735-5



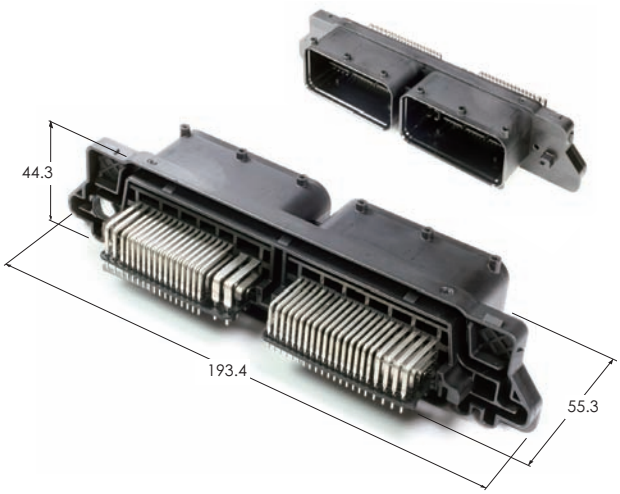




PCB(ECU & PCU 158P) CONNECTOR

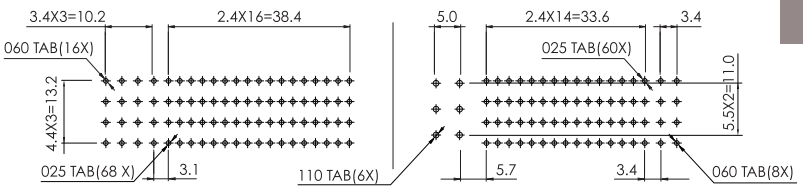
ECU 158M PCB CONNECTOR

MG646016-5



- Suitable for the system that transmits the signals sent by the sensor in a micro-computer equipped in an engine controlling unit.
- Strong durability against vibration and excellent connection.
- Multi pole and water proof connector

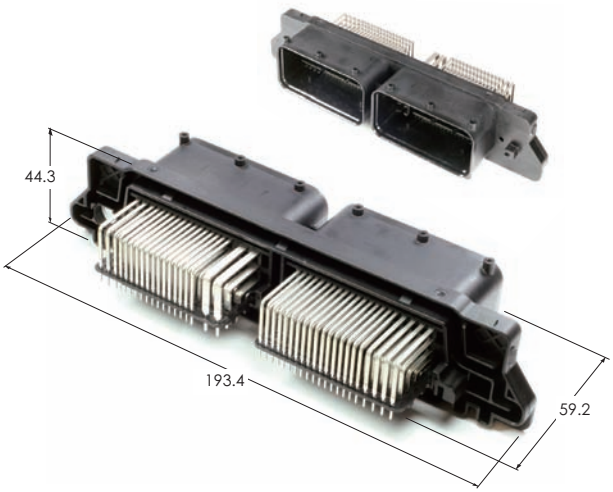
84 PIN	74 PIN
0.64mm TAB 68EA	0.64mm TAB 60EA
1.5mm TAB 16EA	1.5mm TAB 8EA
-	2.8mm TAB 6EA



PCB(ECU & PCU 198P) CONNECTOR

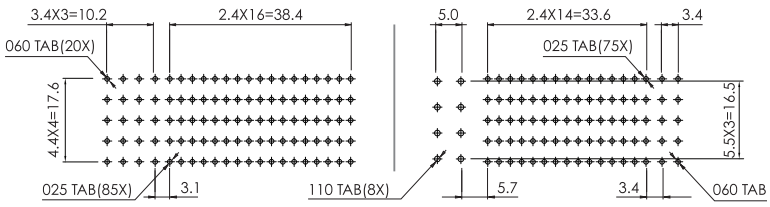
ECU 198M PCB CONNECTOR

MG646015-5



- Suitable for the system that transmits the signals sent by the sensor in a micro-computer equipped in an engine controlling unit.
- Strong durability against vibration and excellent connection.
- Multi pole and water proof connector

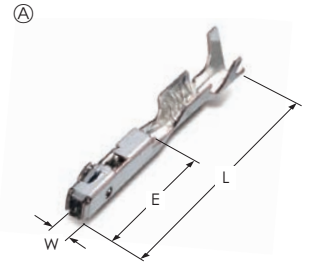
105 PIN	93 PIN
0.64mm TAB 85EA	0.64mm TAB 75EA
1.5mm TAB 20EA	1.5mm TAB 10EA
-	2.8mm TAB 8EA



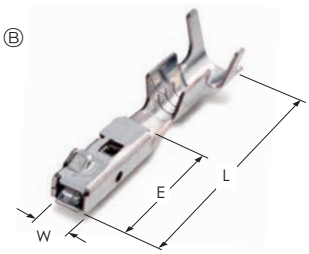
PCB(ECU & PCU 158P) CONNECTOR

TERMINAL

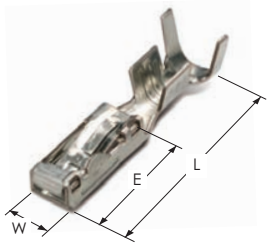
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Ⓒ

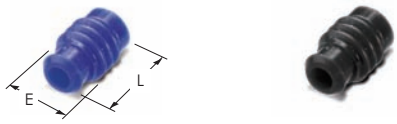


Part No.	Wire Range AWG	Wire Range mm²	Material Finish	Dimension(mm) L	Dimension(mm) E	Dimension(mm) W	Type
ST731443-3	24-20	AESSXF 0.3~0.5	Copper-Alloy (Pre-Tin)	16.2	7.05	1.5	Ⓐ
ST731444-3	-	AESSXF 0.75~1.25	Copper-Alloy (Pre-Tin)	16.2	7.1	2.5	Ⓑ
ST731152-3	16-14	AESSXF 2.0~2.5	Copper-Alloy (Pre-Tin)	19.3	9.5	4.0	Ⓒ

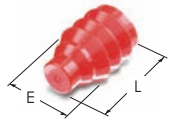
WIRE SEAL

Part No.	Wire Range mm²	Material	Color	Dimension(mm) L	Dimension(mm) E	Type
MG685248	AEXF 1.25 AESSXF 2.0	Silicone	Blue	8.5	Ø5.7	Ⓓ
MG685259	AEXF 2.0 AESSXF 2.5	Silicone	Black	8.5	Ø5.7	
MG685520	Dummy Seal	Silicone	Red	9.1	Ø5.9	Ⓔ

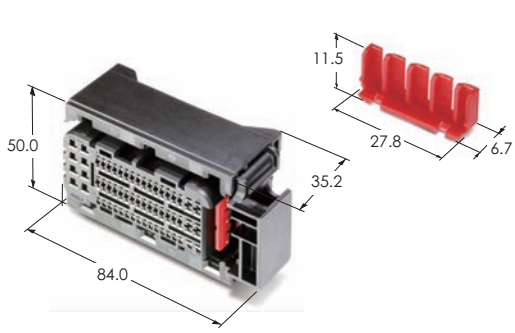
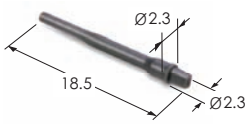
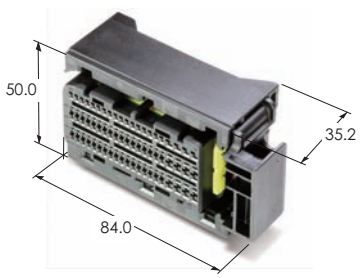
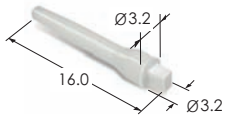
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Ⓔ

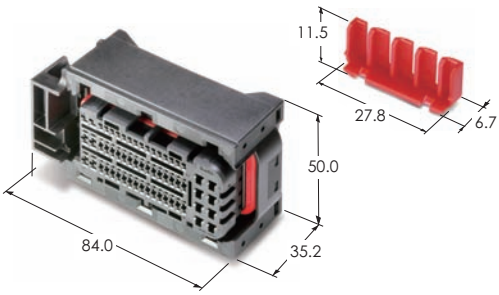
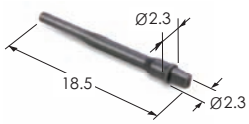
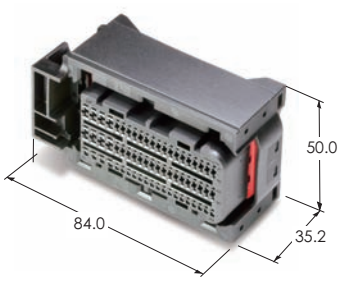
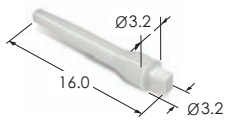


CONNECTOR(ECU 158P)

Poles	Female / Spacer	Cavity Plug	Caver
74	MG656926-5 MG635782-1 	MG635783-4 	MG665839-5 
84	MG656927-5 	MG635784 	MG665837-5 

PCB(ECU & PCU 198P) CONNECTOR

CONNECTOR(ECU 198P)

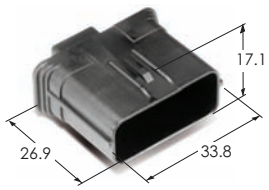
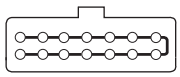
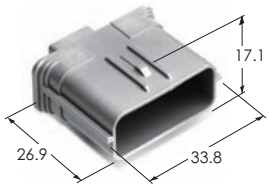
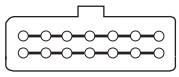
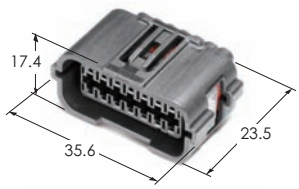
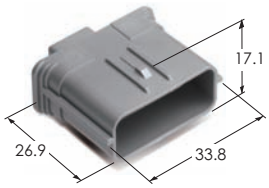
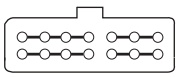
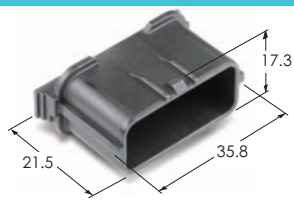
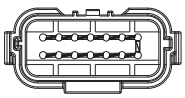
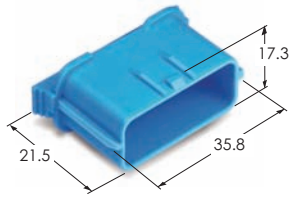
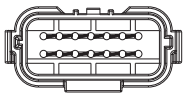
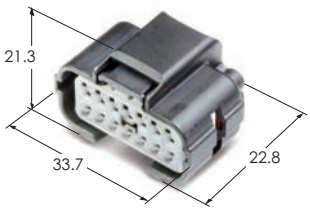
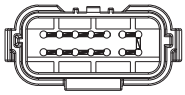
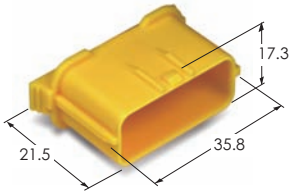
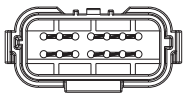
Poles	Female / Spacer	Cavity Plug	Caver
93	MG656864-5 MG635782-1 	MG635783-4 	MG665839-5 
105	MG656865 	MG635784 	MG665837-5 

JOINT CONNECTOR

- Small-sized connector
- Excellent waterproof function
- Double Locking structure with rear holder
- Ensuring complete connection.

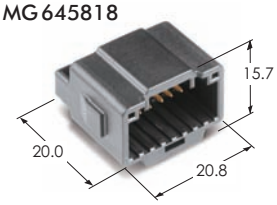
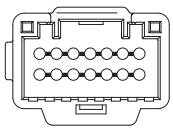
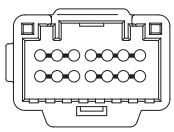
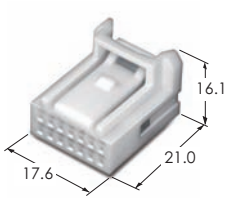
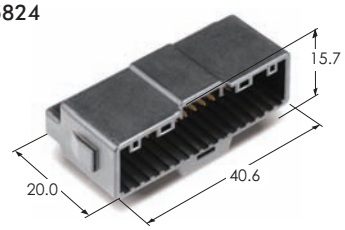
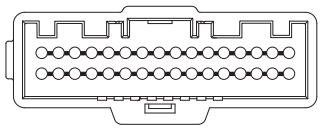
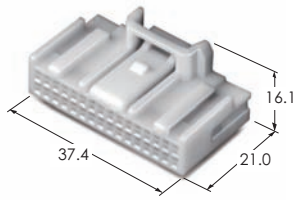
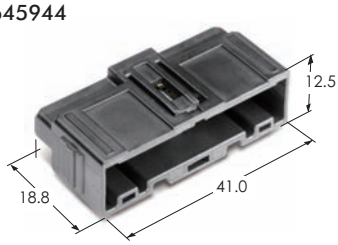
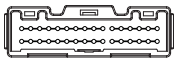
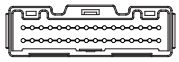
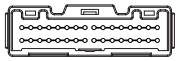
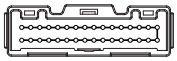
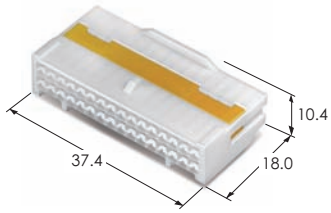
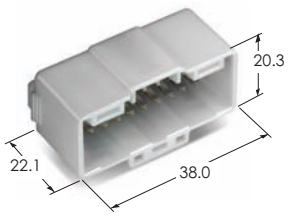
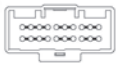
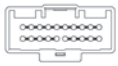
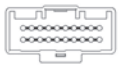
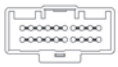
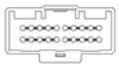
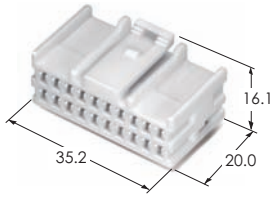
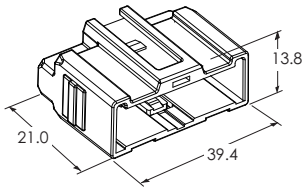
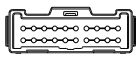
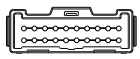
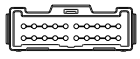
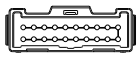
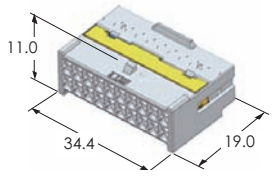
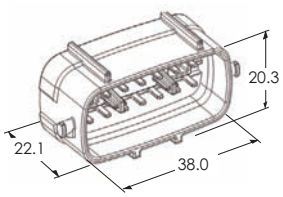
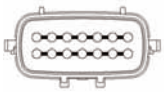
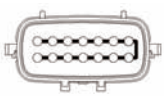
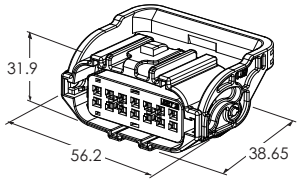


JOINT

Poles	Circuit pattern splice pack	Female
	025 WP JOINT	MG 645724
14	MG 655671  	
	MG 655672  	
	MG 656808  	
	C025 WP JOINT	MG 656950
14	MG 646117  	
	MG 646118-2  	
	MG 646146-41  	
	MG 646119-3  	

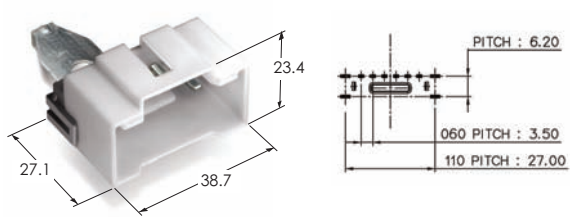
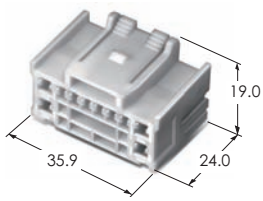
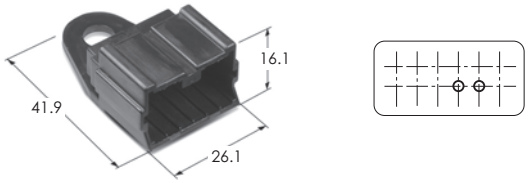
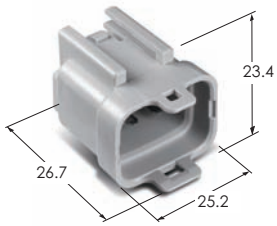
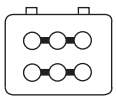
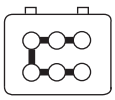
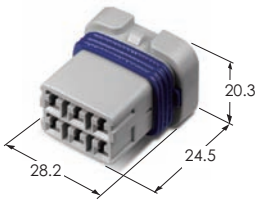
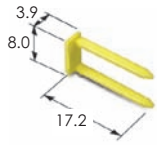
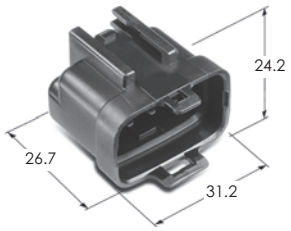
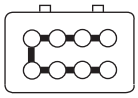
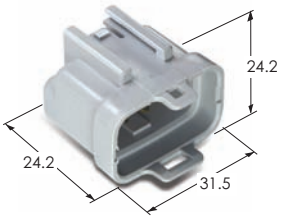
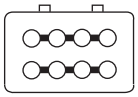
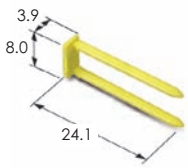
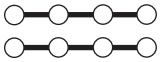
JOINT CONNECTOR

JOINT

Poles	Circuit pattern splice pack	Female
	025II JOINT	MG 655772
14	MG 645818   MG 645818  MG 645819	
32	MG 645824  	MG 655777 
	025 JOINT	MG 656804
32	MG 645944   MG 645944  MG 645946  MG 645947  MG 645951	
	060 JOINT	MG 655633
20	MG 645650   MG 645693-6  MG 645694-3  MG 645695-5  MG 645650  MG 645691-2  MG 645692-4	
	060 JOINT	MG 656805
20	MG 645948   MG 645948  MG 645945  MG 645949  MG 645942	
	060 WP JOINT	MG 645754
14	MG 655700   MG 655700(7+7)  MG 655700(14)	

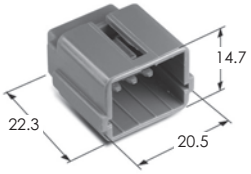
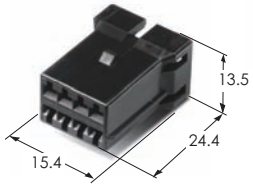
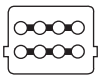
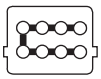
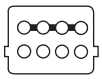
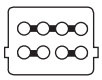
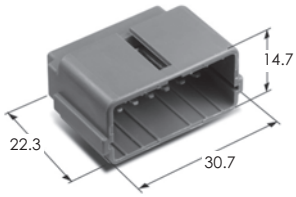
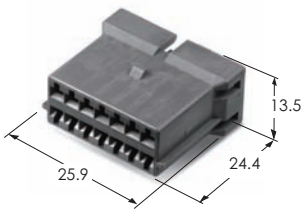
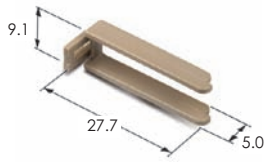
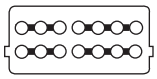
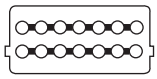
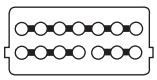
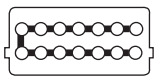
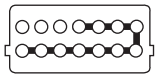
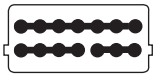
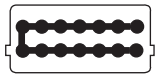
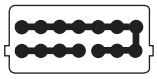
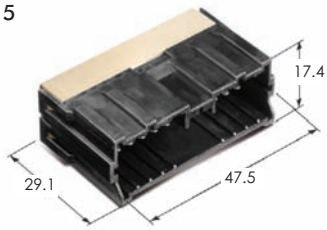
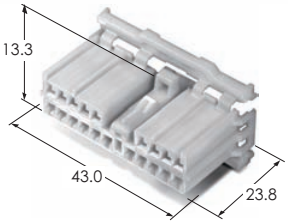
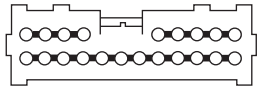
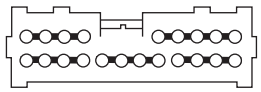
JOINT CONNECTOR

JOINT

Poles	Circuit pattern splice pack	Female
10	**060110 JOINT** MG 645206 	MG 655203 
10	**070 JOINT** MG 641292 	
6	**ASC WP JOINT** MG 643047-4  MG 643047-4  MG 642581 	MG 652582  MG 632589-3 
8	MG 642583   Suitable Terminal: **09011WP** MG 643362-41  	MG 652584  MG 632592-3 
8	**250 JOINT** MG 651977-40  	

JOINT CONNECTOR(Splice-pack)

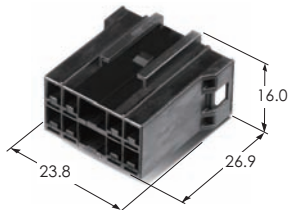
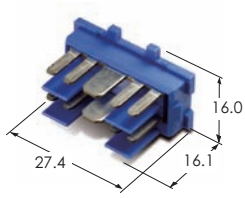
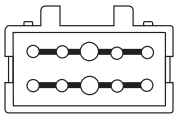
070 JOINT HOUSING

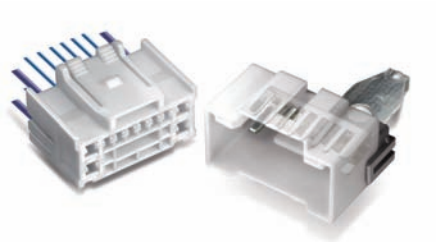
Poles	Female	Circuit pattern splice pack			
		Circuit	Non Clip Type	Clip Type	
				Before Clip Ass'y	After Clip Ass'y
8	MG641751-4  MG630751-7  MG610750  		MG640930	MG641323	MG640935 MG640936 MG641244
			MG640753-5	MG641324-5	MG640933-5 MG640934-5 MG641243-5
			MG641751-4		
			MG642130-7		
14	MG640906-4  MG610754  MG630755-7  		MG640976-3	MG641329-3	MG641149-3 MG641150-3 MG641248-3
			MG640929	MG641328	MG641147 MG641148 MG641247
			MG640757-5	MG641326-5	MG641143-5 MG641144-5 MG641245-5
			MG640906-4	MG641327-4	MG641145-4 MG641146-4 MG641246-4
			MG641752-7		
			MG641938-6		
			MG641964-2		
			MG643137		
21	MG640615  MG610410  			MG640615	MG640791-5 MG640792-5
				MG640995	MG641131 MG641132

Suitable Terminal: **730497-3, 730498-3** (● GOLD PLATE TERMINAL)

JOINT CONNECTOR(Splice-pack)

1809 JOINT

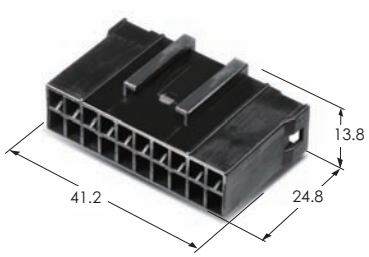
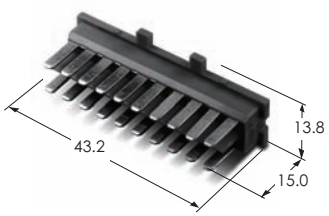
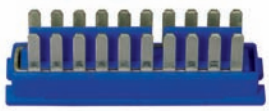
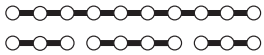
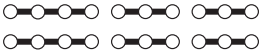
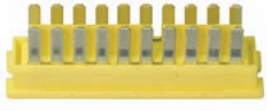
Poles	Female	Circuit pattern splice pack	Joint housing
10	MG621725 		MG651727-2 



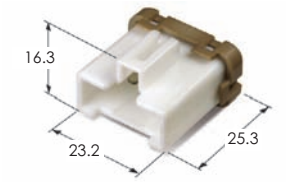
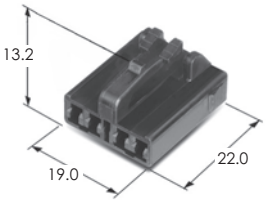
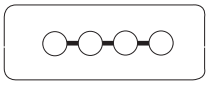
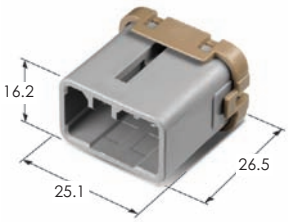
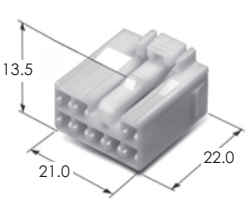
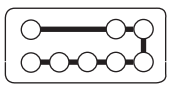
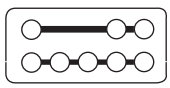
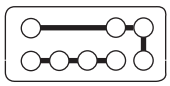
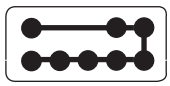
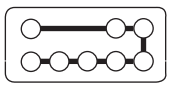
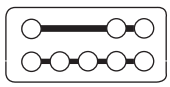
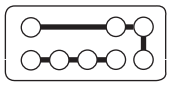
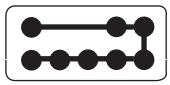
- Small size, multi-pole connector with improved multi-pole circuit construction and convenient splicing in an automobile.
- Applicable male terminal in .070"(1.8mm)width and with 3.5mm pitch.

JOINT CONNECTOR(Splice-pack)

090 JOINT

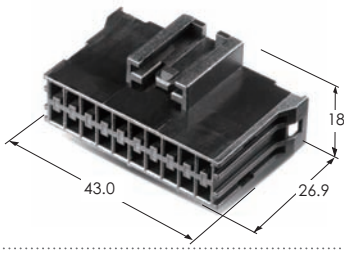
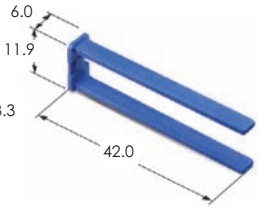
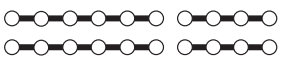
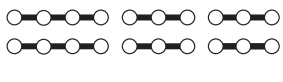
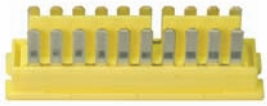
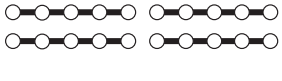
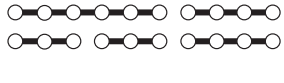
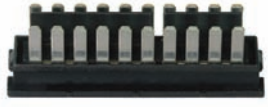
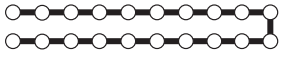
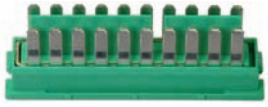
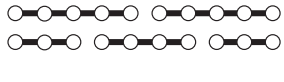
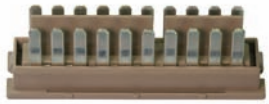
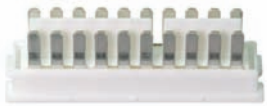
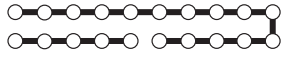
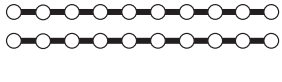
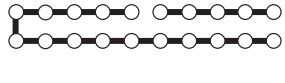
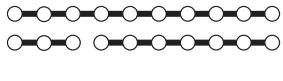
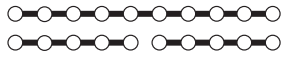
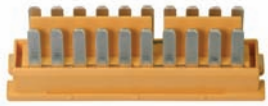
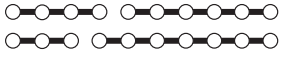
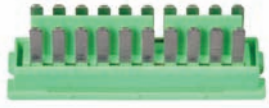
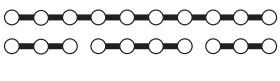
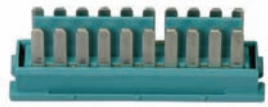
Poles	Female	Circuit pattern splice pack
20	MG621500 	
	MG651502-2  	MG651503-4  
	MG651504-5  	MG651740  
	MG651770-9  	MG651780-7  
	MG652040-1  	MG652041-3  

090II JOINT

Poles	Female	Circuit pattern splice pack
4	MG642349 MG642348(Non clip)  MG651038 	
8	MG643398  MG651050 	NON CLIP TYPE (●GOLD PLATE TERMINAL) MG642486  MG642670  MG642667  MG642673  CLIP TYPE MG643309-2  MG643398-7  MG643468-6  MG643469-5 

JOINT CONNECTOR(Splice-pack)

09011 JOINT

Poles	Female	Circuit pattern splice pack
20	MG621818  MG631817-2 	
	MG651822-2  	MG651823-3  
	MG651824-40  	MG651825-5  
	MG651826-6  	MG651827-7  
	MG652674  	MG651829-9  
	MG651828-1  	MG651932-41  
	MG651830  	MG651820-11  
	MG651990-8  	MG653716-20  

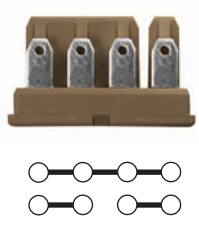
(● GOLD PLATE TERMINAL)

187 JOINT

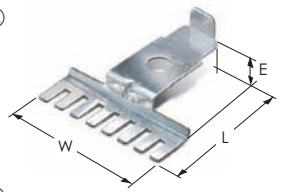
MG652014-3 

MG651976-2 

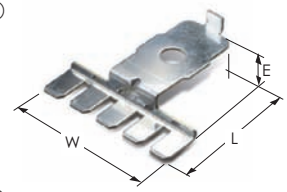
MG651975-9 

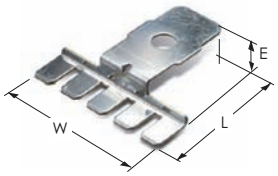
MG652013-8 

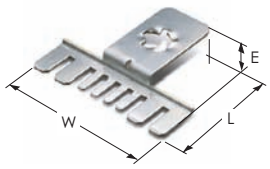
EARTH CONNECTOR

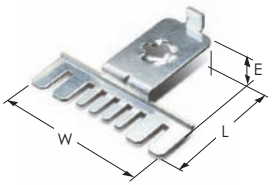
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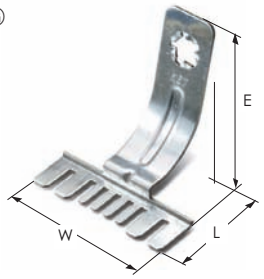
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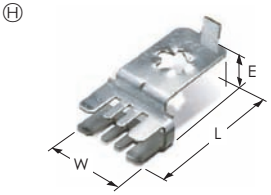

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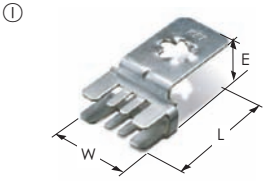
Ⓓ


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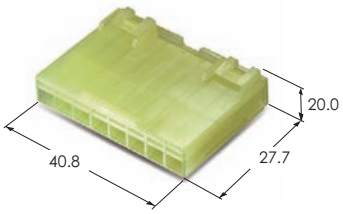
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GLASS ANT. TERMINAL

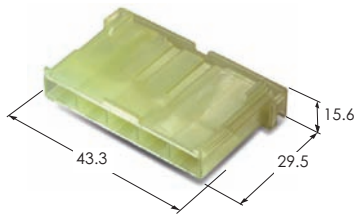
Part No.	Wire Range		Material	Dimension(mm)			Type
	AWG	mm^2	Finish	L	E	W	
GP881204-3			Brass(Pre-Tin)	45.3	6.8	38.0	Ⓐ
GP881213-3			Brass(Pre-Tin)	33.5	6.8	38.0	Ⓑ
GP881212-3			Brass(Pre-Tin)	42.3	6.8	40.0	Ⓒ
GP881214-3			Brass(Pre-Tin)	40.0	6.8	40.0	Ⓓ
GP881225-3			Brass(Pre-Tin)	38.4	5.1	41.4	Ⓔ
GP881221-3			Brass(Pre-Tin)	38.4	5.1	41.4	Ⓕ
GP881222-3			Brass(Pre-Tin)	33.0	40.9	41.4	Ⓖ
GP881223-3			Brass(Pre-Tin)	38.4	11.3	21.0	Ⓗ
GP881224-3			Brass(Pre-Tin)	38.4	11.3	21.0	Ⓘ

HOUSING

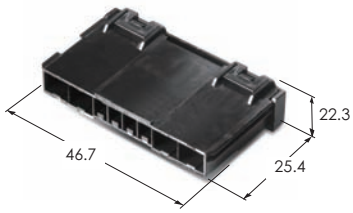
MG630458(3mm Type:ⒶⒷ)



MG630664(250 Type:ⒸⒹ)



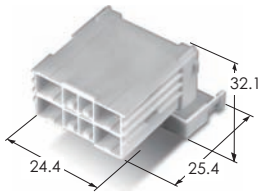
MG631499(1809 Type:ⒺⒻⒼ)



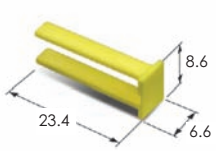
MG631477-3



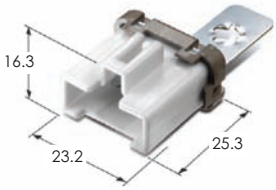
MG631475(1809 Type:ⒽⒾ)

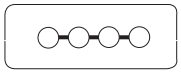


MG631476-3



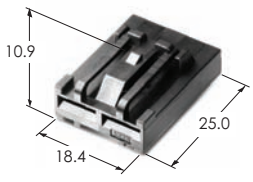
MG642350





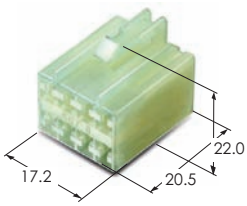
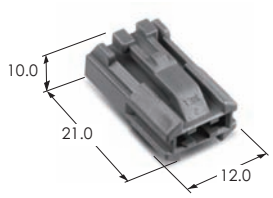
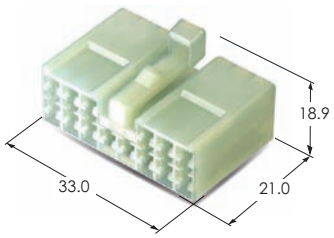
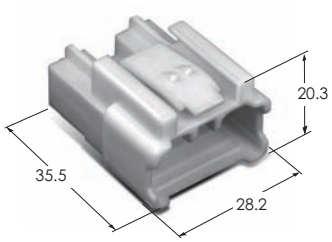
Circuit pattern

MG612544

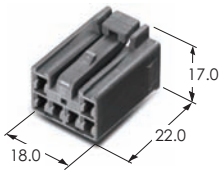
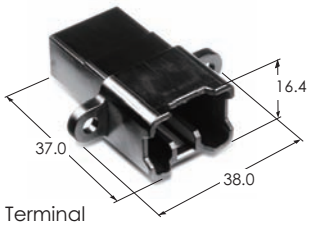


DEVICE CONNECTOR

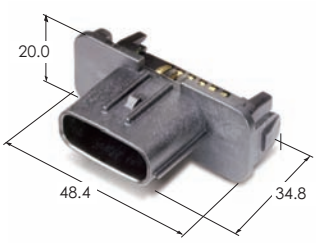
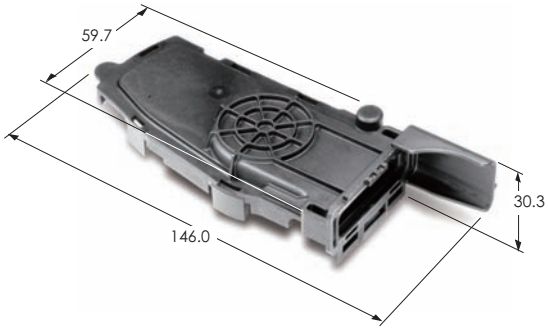
POWER WINDOW S/W HOUSING

Poles	Female	Poles	Male
8	MG610663  Suitable Terminal: **ST730365, ST730366**	2	MG610850-4 
14	MG610798  	10	MG620833 

MIRROR HOUSING

Poles	Female	Male
6	MG651044  	MG641796  Suitable Terminal: **090II** Terminal

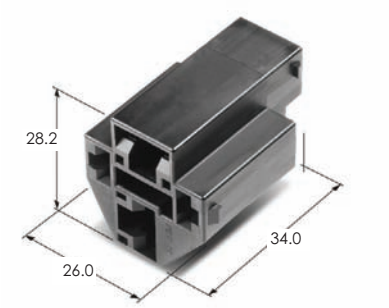
ACCEL PEDAL SENSOR HOUSING

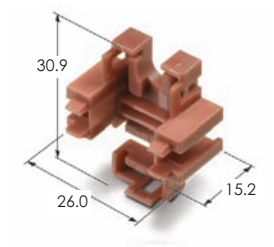
Poles	Male	Cover
6	MG665768  	MG635688(COVER) 

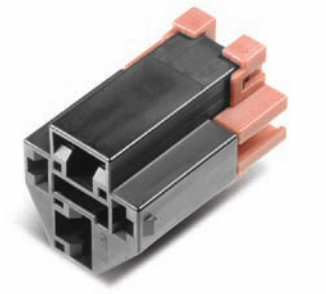
RELAY CONNECTOR

CONNECTOR FOR RELAY

- Hybrid type connector for relay suitable for the features of power & signal circuit.
- Various application to mini, micro or etc..
- Terminal mis-insertion protection through double locking structure with rear holder.

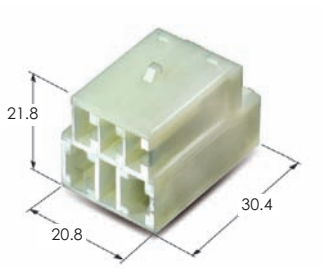


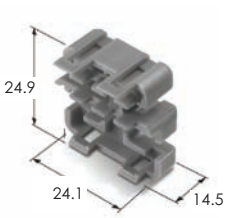




MG612017
Suitable Terminal: 375 Type : **ST730722, ST730723**
250 D/L Type : **ST730467, ST730468, ST730469**

MG632018-7(R/H)

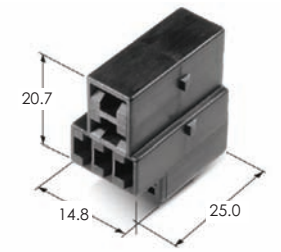


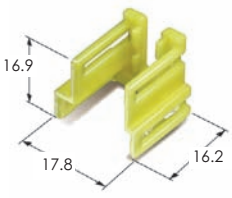




MG612109
Suitable Terminal: 312 Type : **ST730852**
250 D/L Type : **ST730467, ST730468, ST730469**

MG632110-4(R/H)

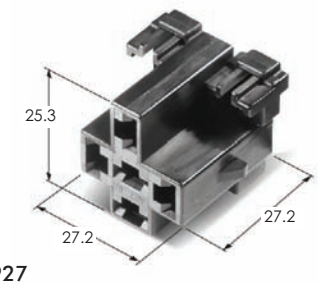


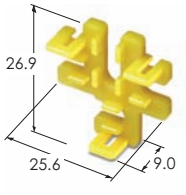


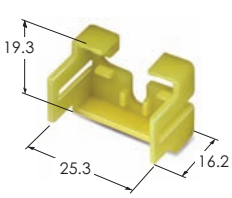


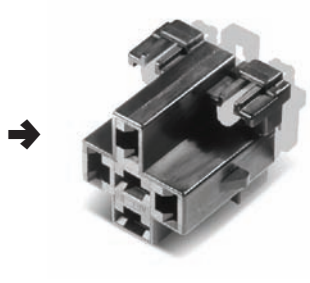
MG612135
Suitable Terminal: 250 D/L Type : **ST730467, ST730468, ST730469**
187 D/L Type : **ST730602, ST730603**
Suitable CLIP: 090II Clip

MG632136-3(R/H)









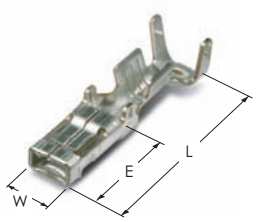
MG640927
Suitable Terminal: 250 D/L Type : **ST730467, ST730468, ST730469**

MG632138-3(R/H)

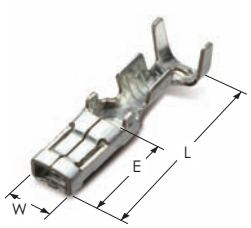
MG632139-3(R/H)

HEAD LAMP CONNECTOR

Ⓐ



Ⓑ

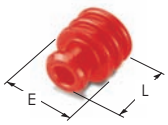


TERMINAL

Part No.	Wire Range		Material	Dimension(mm)			Type
	AWG	mm²	Finish	L	E	W	
ST730524-3	20-18	AVS 0.3~0.85	Copper Alloy (Pre-Tin)	19.0	7.0	4.4	Ⓐ
ST730525-3	16-14	AVS(AVSS) 1.25-2.0 CAVS 1.25 AVX 1.25-2.0	Copper Alloy (Pre-Tin)	19.0	7.0	4.4	Ⓐ
ST730518-3	20-18	AVS 0.3~0.85	Pre-Tin	19.0	7.0	4.4	Ⓑ
ST730556-3	16-14	AVS(AVSS) 1.25-2.0 CAVS 1.25 AVX 1.25-2.0	Pre-Tin	19.0	7.0	4.4	Ⓑ

WIRE SEAL

Part No.	Wire Range		Material	Color	Dimension(mm)		Type
	AWG	mm²			L	E	
MG680470	18-16	AV 0.5, AVS 0.85 AVSS 1.25, CAVS 1.25	Silicone	Red	7.4	Ø6.5	
MG680564	16-14	AVS 1.25~2.0 AVX 1.25~2.0	Silicone	Blue	7.4	Ø6.5	
MG680522	20	CAVS 0.5 AVSS 0.5, AV 0.3	Silicone	Green	7.4	Ø6.5	
MG685197	-	AVSS 0.3 AEXF 0.3	Silicone	Black	7.4	Ø6.5	

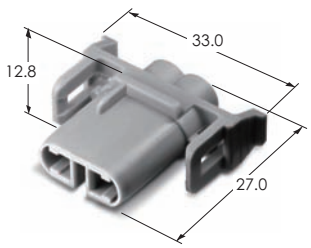
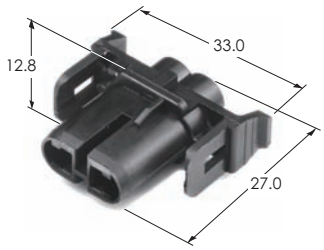






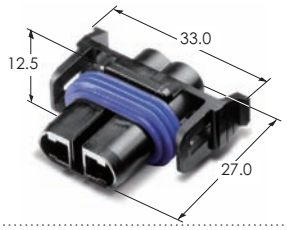
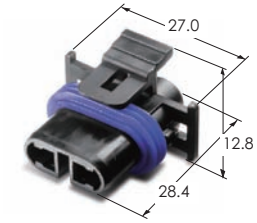
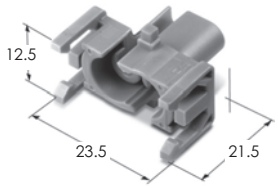
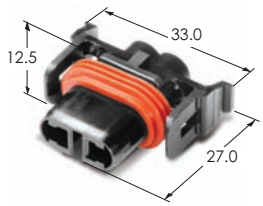
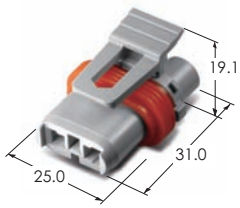
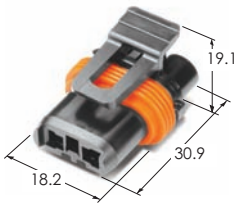
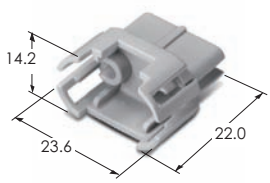
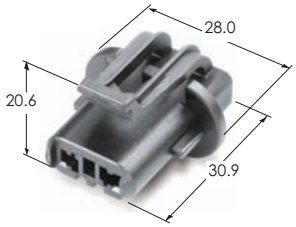
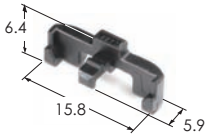
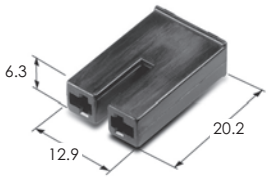


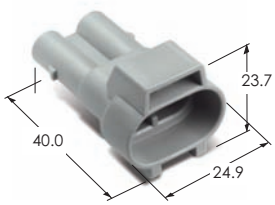
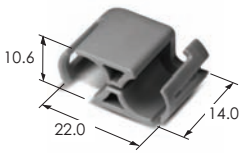
HOUSING

Poles	Female	
	MG612313-40(H11)	MG612312(H9)
2		 Suitable Terminal: **ST730524-3, ST730525-3**

HEAD LAMP CONNECTOR

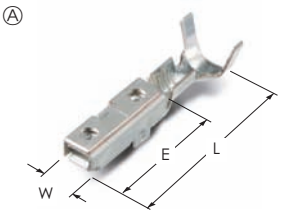
HEAD LAMP

Poles	Female		Rear Holder
2	MG 652520(881 BULB, H8 BULB) 	MG 653144(880BULB) 	MG 632506(R/H) 881-MG632506(Cover Type) MG633603(Non Cover Type) 880-MG633676-7 
	MG 653701(881 BULB, H8 BULB) 	MG 654491 	
	MG 653426-4(9006) 	MG 654844(9005) 	MG 633542(R/H) 
	MG 615605 		MG 635767-5 
	MG 612578  Suitable Terminal: **ST 730052**		

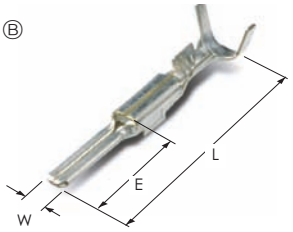
Poles	male	Rear Holder
2	MG 635586-4  Suitable Terminal: **ST 740530, ST 740531**	MG 635587-4 

HEAD LAMP(090II WP) CONNECTOR

Ⓐ



Ⓑ



TERMINAL

Part No.	Wire Range		Material	Dimension(mm)			Type
	AWG	mm²	Finish	L	∈	W	
ST730689-3	22-20	AVSS 0.3-0.5	Copper Alloy (Pre-Tin)	16.9	9.0	2.9	Ⓐ
ST730732-3	18-16	AVSS(CAVS) 0.85-1.25	Copper Alloy (Pre-Tin)	16.9	9.0	2.9	
ST730739-3	16	AEXF 1.25	Copper Alloy (Pre-Tin)	16.9	9.0	2.9	
ST730733-3	14	AVSS 2.0	Copper Alloy (Pre-Tin)	16.9	9.0	2.9	
ST740999-3	22-20	AVSS 0.3-0.5	Brass (Pre-Tin)	25.9	10.3	2.3	Ⓑ
ST741000-3	18-16	AVSS 0.75-1.25	Brass (Pre-Tin)	25.9	10.3	2.3	
ST740687-3	16	AEXF 1.25	Brass (Pre-Tin)	25.9	10.3	2.3	
ST740688-3	14	AVSS 2.0	Brass (Pre-Tin)	25.9	10.3	2.3	

WIRE SEAL

Part No.	Wire Range	Material	Color	Dimension(mm)		Type
	mm²			L	∈	
MG680274	AEXF 0.85	Silicone	Red	7.5	Ø4.8	Ⓒ
MG680275	AEXF 1.25	Silicone	Green	7.5	Ø4.8	
MG683935	AVSS 0.3~0.5 AVS 0.3~0.5	Silicone	Orange	7.5	Ø4.8	
MG681474	AEXF 0.5, AVSS 0.85	Silicone	Blue	7.5	Ø4.8	
MG683695	Dummy Seal	Silicone	Black	6.2	Ø4.9	Ⓓ

Ⓒ



Ⓓ





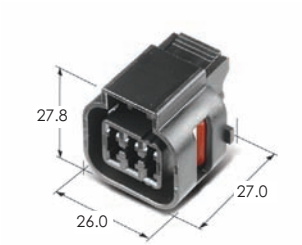
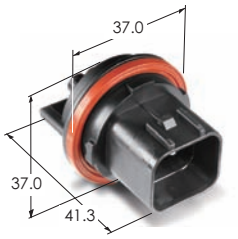
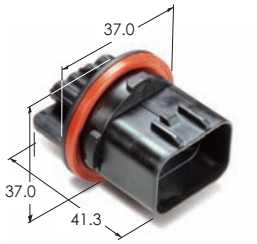
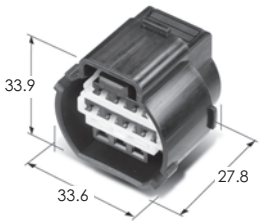
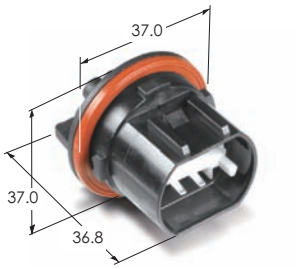
090 II SEALED CONNECTOR

- Improved design from 090 size sealed connector for higher reliability. The blade width of male terminal for this connector is 0.090 inches. (Distinctive Features)
- These are connectors for automobile lamp ass' y
- Double locking system eliminates push-out.(Housing Lance, Side Lock).
- Individual waterproof seal.

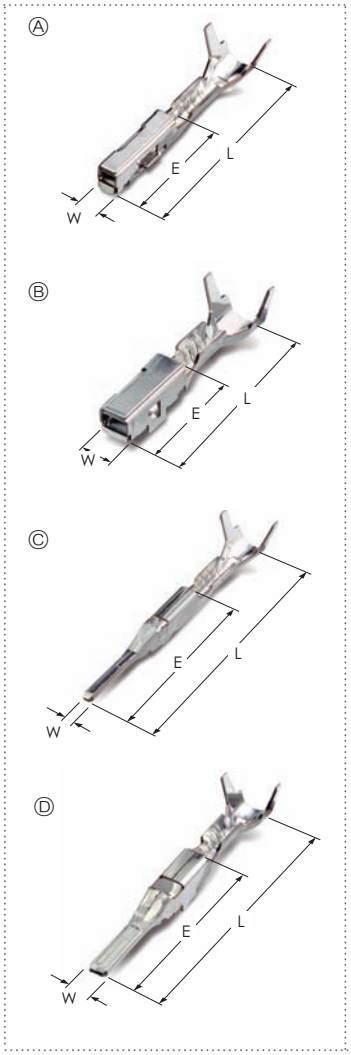
KET ENGINEERED

HEAD LAMP(090II WP) CONNECTOR

HOUSING

Poles	Female	Male
6	MG643866 	MG653863 
8	MG644345 	MG654349 
10	MG643546 	MG653549 

HEAD LAMP(C025060 WP) CONNECTOR

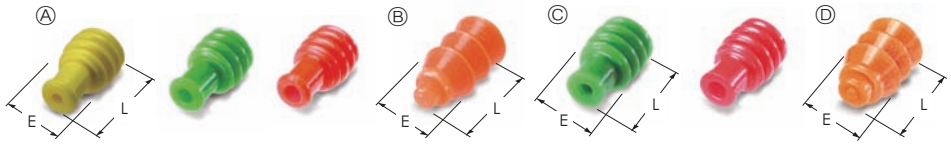


TERMINAL

Part No.	Wire Range		Material	Dimension(mm)			Type
	AWG	mm²	Finish	L	E	W	
ST731442-3	24	AESSXF 0.22	Copper-Alloy (Pre-Tin)	15.5	6.6	1.45	Ⓐ
ST731441-3	22~20	AESSXF 0.3 ~ 0.5 CIVUS 0.35	Copper-Alloy (Pre-Tin)	15.5	6.6	1.45	
ST731439-3	22~20	AESSXF 0.3~0.5	Copper-Alloy (Pre-Tin)	15.4	6.5	2.3	Ⓑ
ST731438-3	18~16	AESSXF 0.85~1.25	Copper-Alloy (Pre-Tin)	15.4	6.5	2.3	
ST731379-3	24	AESSXF 0.22	Copper-Alloy (Pre-Tin)	22.8	13.9	1.45	Ⓒ
ST741378-3	22~20	AESSXF 0.3 ~ 0.5 CIVUS 0.35	Copper-Alloy (Pre-Tin)	22.8	13.9	1.45	
ST741376-3	22~20	AESSXF 0.3~0.5	Copper-Alloy (Pre-Tin)	23.65	14.75	1.5	Ⓓ
ST741375-3	18~16	AESSXF 0.85~1.25	Copper-Alloy (Pre-Tin)	23.65	14.75	1.5	

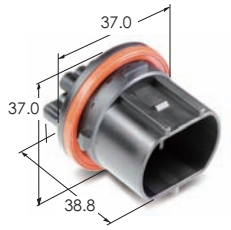
WIRE SEAL

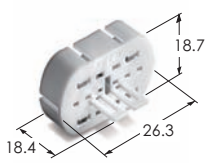
Part No.	Wire Range	Material	Color	Dimension(mm)		Type
	mm²			L	E	
MG685534	AESSXF 0.22, CIVUS 0.35	Silicone	Yellow	5.4	Ø3.4	
MG685516	AESSXF 0.3	Silicone	Green	5.4	Ø3.4	Ⓐ
MG685517	AESSXF 0.5	Silicone	Red	5.4	Ø3.4	
MG685518	DUMMY SEAL	Silicone	Orange	7.2	Ø3.4	Ⓑ
MG685513	AESSXF 0.3~0.5	Silicone	Green	6.65	Ø4.4	Ⓒ
MG685514	AESSXF 0.85~1.25	Silicone	Red	6.65	Ø4.4	
MG685519	DUMMY SEAL	Silicone	Orange	7.2	Ø4.5	Ⓓ

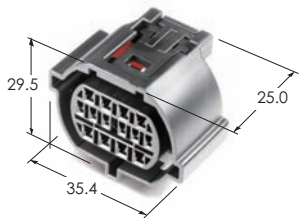


HOUSING(C025060)

Poles	Female	Holder	Male
14	MG646012	MG635779	MG656862

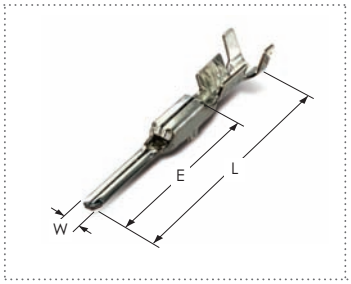






HEAD LAMP CONNECTOR

TERMINAL

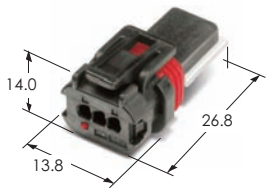


Part No.	Wire Range		Material	Dimension(mm)			Type
	AWG	mm^2	Finish	L	E	W	
ST741270-3	24	CHFUS 0.22 AVSS 0.22	Pre-Tin	25.3	13.5	1.5	
ST741271-3	22-20	AVSS 0.3~0.5	Pre-Tin	25.3	13.5	1.5	
ST741272-3	18-16	AVSS 0.85-1.25	Pre-Tin	25.3	13.5	1.5	

HOUSING

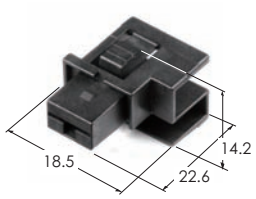
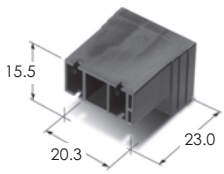
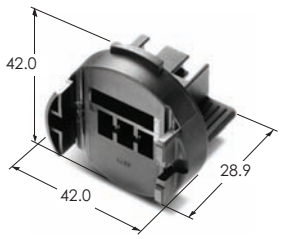
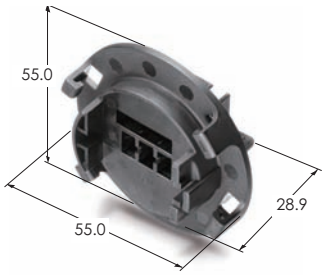
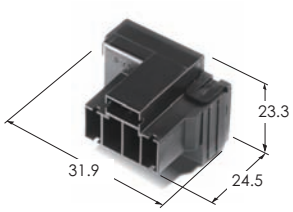
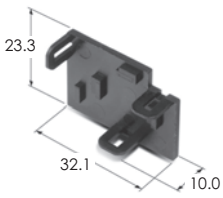
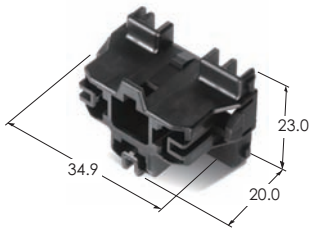
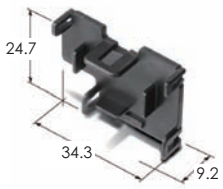
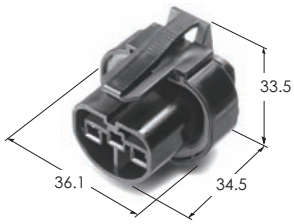
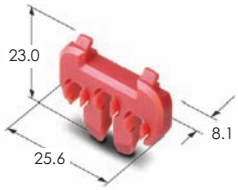
Poles	Female
12	MG655235  Suitable Connector: **7283-2432-30(YAZAKI)**

HOUSING(HLLD 025 WP)

Poles	Female
3	MG654883  Suitable Terminal: **ST731068-3**

HEAD LAMP CONNECTOR

HOUSING

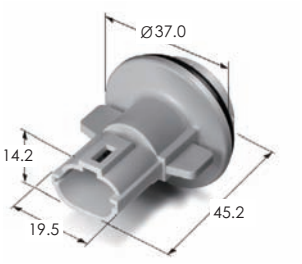
Poles	Male
1	MG 632969(H1)  Suitable Terminal: ST 730932-3, ST 730942-3
2	MG 632862(H7)  Suitable Terminal: ST 730932-3 MG 635209(H7)  MG 635680(H7) 
3	MG 632879(H4)  MG 632882 (Rear Holder)  Suitable Terminal: ST 730934-3 MG 631660(H4)  MG 632075 (Rear Holder)  Suitable Terminal: ST 730766, ST 730767, ST 730764, ST 730765 MG 640468(H7)  MG 630469 (Rear Holder)  Suitable Terminal: ST 730524, ST 730525

BULB SOCKET CONNECTOR

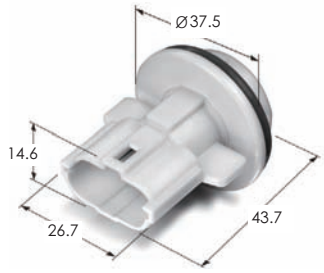
FRONT BULB SOCKET

070(SWP) Type

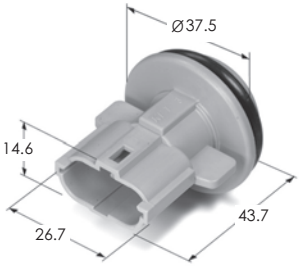
MG 660480 (2P SINGLE)



MG 660482 (3P DOUBLE)



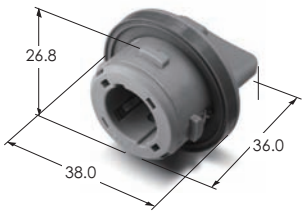
MG 661610 (3P DOUBLE)



TURN SIGNAL BULB SOCKET

SINGLE(2P)

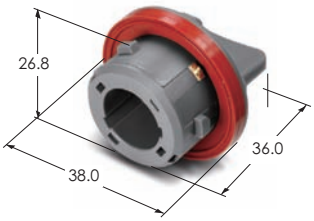
MG 663046-41(180°)



MG 663209-40



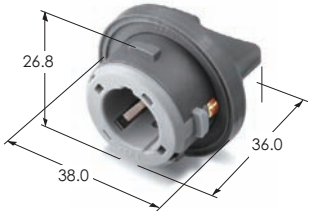
MG 663541-40(150° -90°)



MG 663059-41



MG 663070-40(150°)



MG 664618(RH)



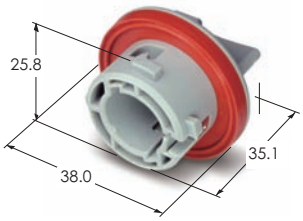
MG 664619(LH)



MG 664677(LMS)



MG 665658-4



MG 635677-41



Suitable Terminal: ST761333-3(L), ST761334-3(M). ST761335-3(S)

BULB SOCKET CONNECTOR

TURN SIGNAL BULB SOCKET(S25)

DOUBLE(3P)

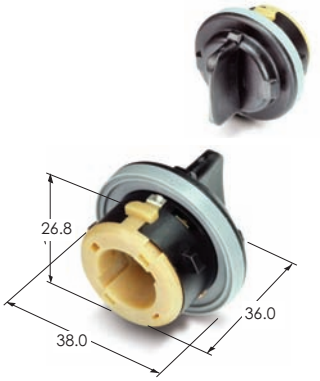
MG 663071-5



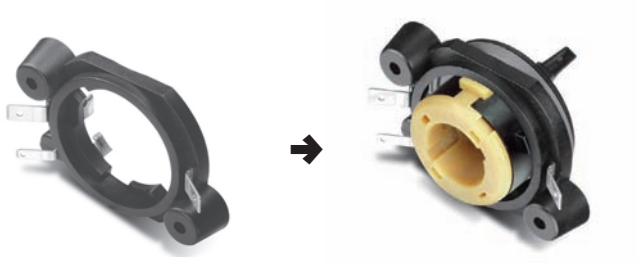
MG 665569-40



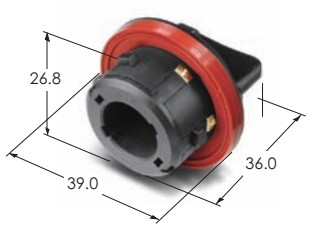
MG 665334-5(DOUBLE)



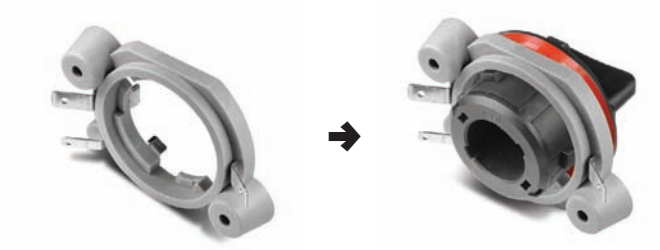
MG 663060-5(DOUBLE)



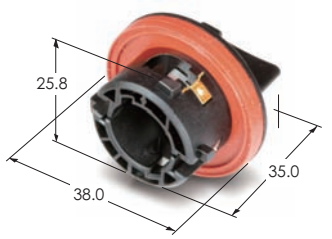
MG 663901-5



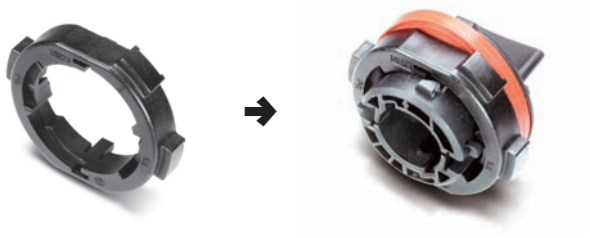
MG 663904-41



MG 665659-5



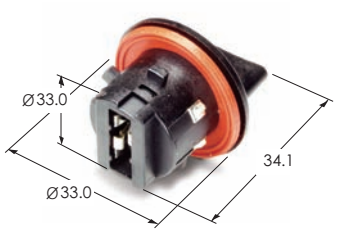
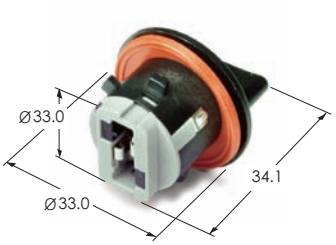
MG 635678



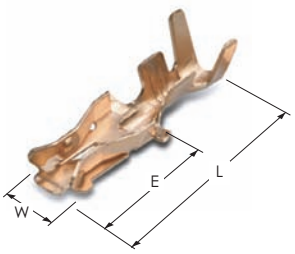
Suitable Terminal: ST 761333-3(L), ST 761334-3(M). ST 761335-3(S)

BULB SOCKET CONNECTOR

TURN SIGNAL WP BULB SOCKET

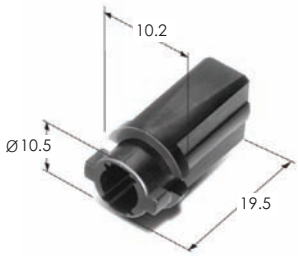
SOCKET	BRACKET
MG 665576	MG 665476
	
T20(DUAL-LCL : 31mm), 7444NA	T20((DUAL-LCL : 31mm)
MG 665577	MG 665477
	
T20(SIGNAL-LCL : 31mm), WY21W	T20(SIGNAL-LCL : 31mm)

MINI BULB TERMINAL & HOUSING



Part No.	Wire Range		Material	Dimension(mm)			Type
	AWG	mm^2	Finish	L	E	W	
ST730557-1	22-18	AVSS 0.3-0.85	Phos. Bronze (Unplate)	13.5	7.8	4.0	

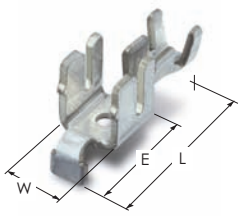
MG 630578(2P)



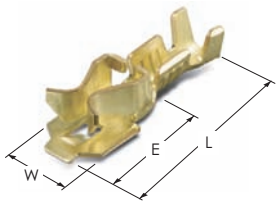
BULB SOCKET CONNECTOR

TERMINAL

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Part No.	Wire Range		Material	Dimension(mm)			Type
	AWG	mm^2	Finish	L	E	W	
ST760877-3	20-18	AVSS 0.5-0.85	Brass (Pre-Tin)	13.9	7.1	5.0	Ⓐ
ST780903-3	22-20	AVX 0.3	Brass	16.0	8.0	5.2	Ⓑ
ST780996-1	20-18	AVS 0.5-0.85	Brass	16.0	8.0	5.2	

POSITION WP BULB SOCKET(WIRE LESS TYPE)

MG662305(L)



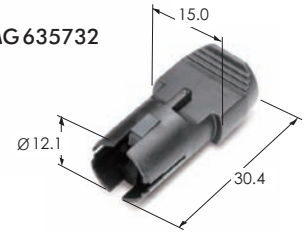
MG662307(H)



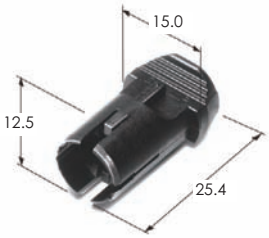
MG663158(PBT+GF10)
MG665803(PA66+GF15)



MG635732



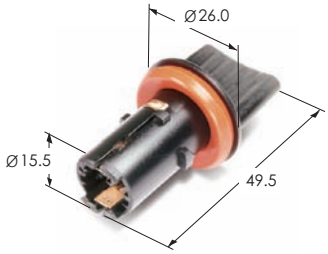
MG631720(PA6+GF15)
MG633580(NORYL)
MG635672(PA46+GF15)



Suitable Terminal: **780759-1**

POSITION WP BULB SOCKET

SOCKET	BRACKET
MG665478	MG665480

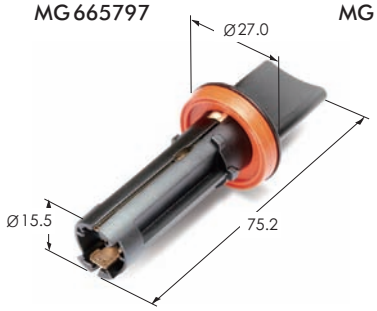


T3.25 (LCL : 25mm)

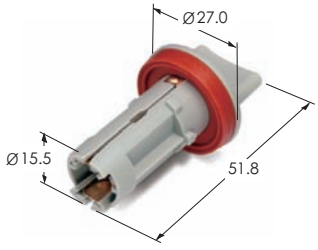


T3.25 (LCL : 25mm)

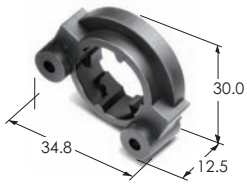
MG665797



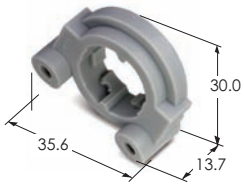
MG665798



MG635734



MG635735

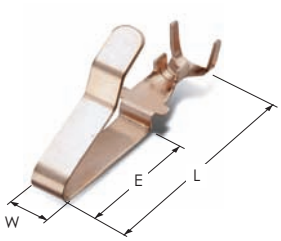


Suitable Terminal: **760877-1**

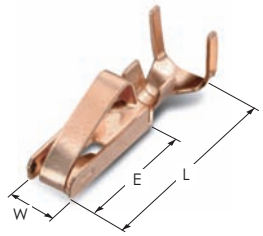
BULB SOCKET CONNECTOR

RCL BULB SOCKET TERMINAL

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Part No.	Wire Range		Material	Dimension(mm)			Type
	AWG	mm²	Finish	L	E	W	
ST760794-1	20-18	AVSS 0.5-0.85	Copper Alloy	26.3	15.3	4.0	Ⓐ
ST760795-1	20-18	AVSS 0.5-0.85	Copper Alloy	16.6	9.0	3.5	Ⓑ

WIRE SEAL

Part No.	Wire Range		Material	Color	Dimension(mm)		Type
	AWG	mm²			L	E	
MG682027	20-18	AVS 0.5-0.85	Silicone	Black	8.5	Ø8.3	Ⓒ
MG682028	20-18	AVS 0.5-0.85	Silicone	Black	8.1	Ø6.1	Ⓓ
MG685229	Dummy Seal		Silicone	Blue	7.2	Ø6.1	Ⓕ

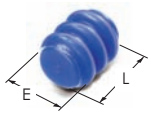
Ⓒ



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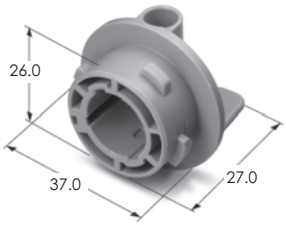
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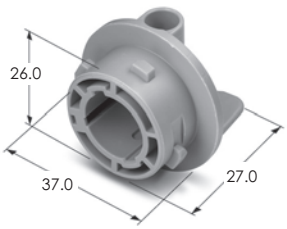
RCL WP BULB SOCKET[S25(LCL:31.8mm)]

SINGLE

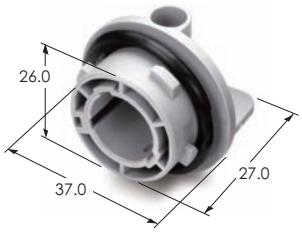
MG631781(180°)



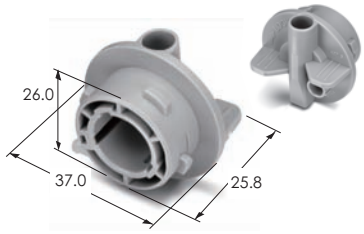
MG631895(180°)



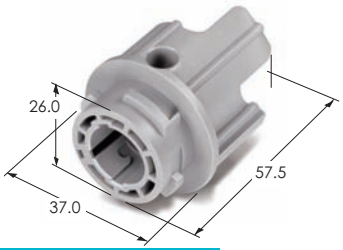
MG665772(150°-PR21W)



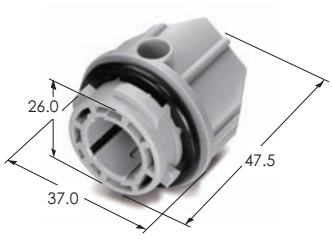
MG634646(150°-PR21W)



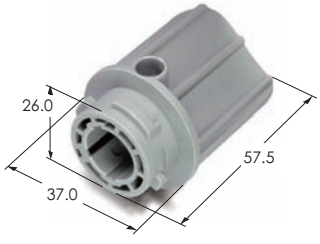
MG635781-4



MG665763-41(180°)

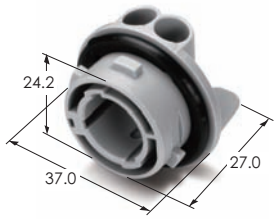


MG635726(SINGLE-150°), MG655889(SINGLE-150°)

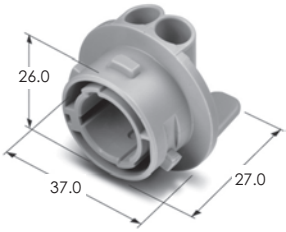


DOUBLE

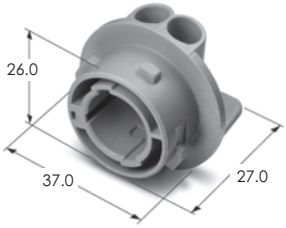
MG665014(180°)



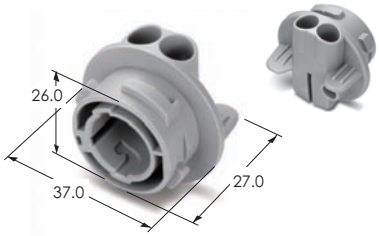
MG632558(180°)



MG631783(180°)

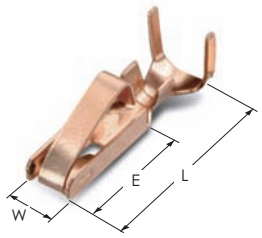


MG633848-4(150°-P21/4W)

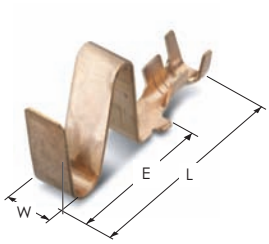


BULB SOCKET CONNECTOR

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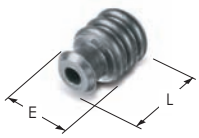
RCL BULB SOCKET TERMINAL

Part No.	Wire Range		Material	Dimension(mm)			Type
	AWG	mm²	Finish	L	∈	W	
ST760795-1	20-18	AVSS 0.5-0.85	Copper Alloy	16.6	9.0	3.5	Ⓐ
ST760521-1	20-18	AVS(AVSS) 0.5-0.85	Copper Alloy	18.3	12.6	4.0	Ⓑ

WIRE SEAL

Part No.	Wire Range		Material	Color	Dimension(mm)		Type
	AWG	mm²			L	∈	
MG682028	20-18	AVS 0.5-0.85	Silicone	Black	8.1	Ø6.1	Ⓒ

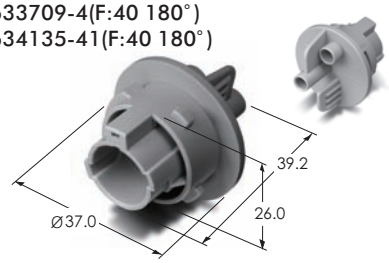
Ⓒ



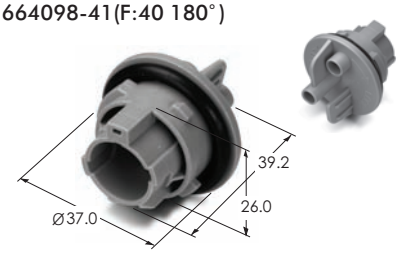
RCL WP BULB SOCKET(S25)

SINGLE

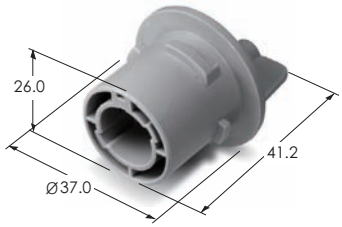
MG633709-4(F:40 180°)
MG634135-41(F:40 180°)



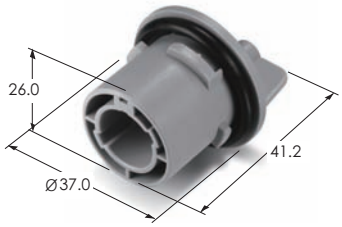
MG664098-41(F:40 180°)



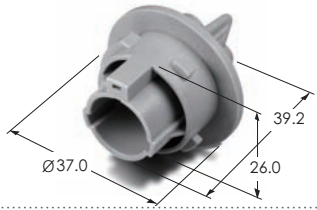
MG633412-41(F:45 180°)



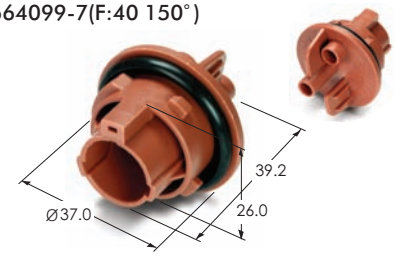
MG663672-41(F:45 180°)



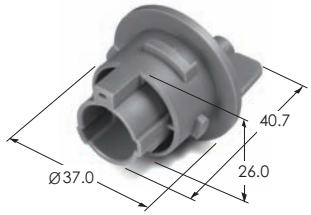
MG633707-41(F:40 150°)
MG634134-7(F:40 150°)



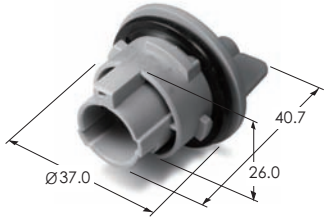
MG664099-7(F:40 150°)



MG633404-41(F:45 150°)



MG663673-41(F:45 150°)

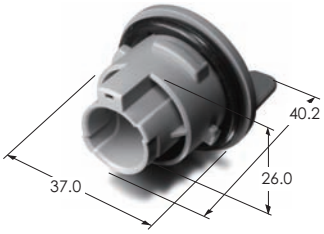


BULB SOCKET CONNECTOR

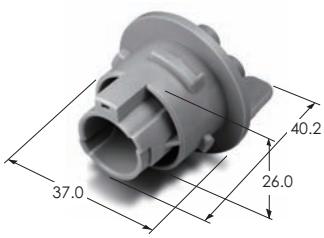
RCL WP BULB SOCKET(S25)

DOUBLE

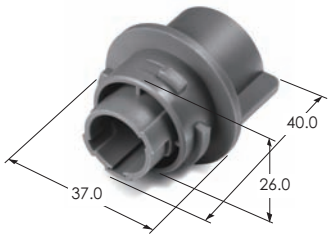
MG662850(F:45 180°)



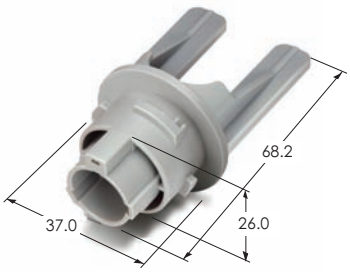
MG633756(F:45 180°)



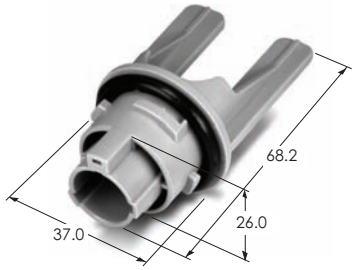
MG632565-7(F:40)



MG635024(F:45 150°)



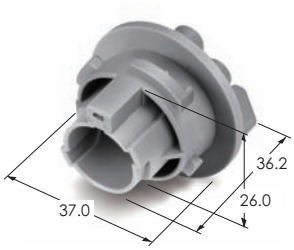
MG665025-41(F:45 150°)



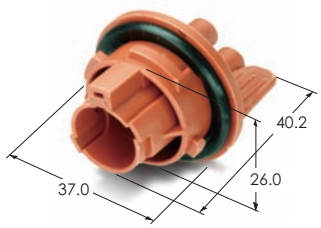
MG665624(F:40 180°)



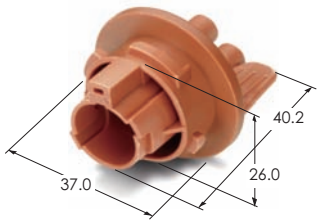
MG635640-40



MG665065-7(F:40 180°)

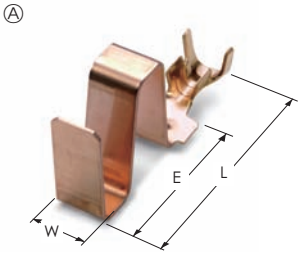


MG635064-7

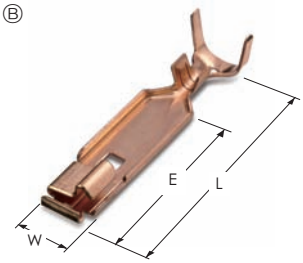


BULB SOCKET CONNECTOR

Ⓐ



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RCL BULB SOCKET TERMINAL

Part No.	Wire Range		Material	Dimension(mm)			Type
	AWG	mm²	Finish	L	∈	W	
ST781343-1	20-18	AVS 0.5~0.85 AVSS 0.5~0.85	Copper Alloy (Unplate)	4.0	12.55	18.55	Ⓐ
ST781344-1	20-18	AVS 0.5~0.85 AVSS 0.5~0.85	Copper Alloy (Unplate)	4.8	15.5	23.1	Ⓑ

WIRE SEAL

Part No.	Wire Range		Material	Color	Dimension(mm)		Type
	AWG	mm²			L	∈	
MG685413	20-18	AVS 0.5~0.85 AVSS 0.5~0.85	Silicone	Blue	5.1	Ø6.1	Ⓒ
MG685512	20-18	AVS 0.5~0.85 AVSS 0.5~0.85	Silicone	Blue	8.1	Ø7.6	Ⓓ

Ⓒ



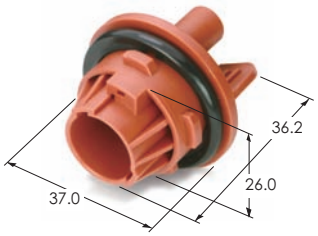
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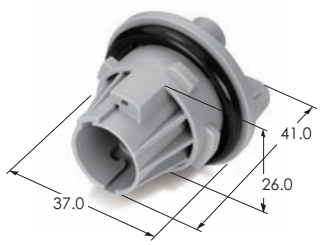
RCL WP BULB SOCKET

SINGLE

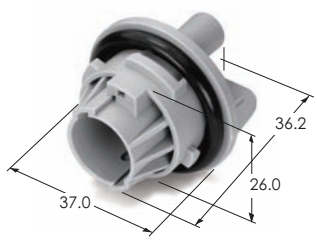
MG665833(F:40 150°)



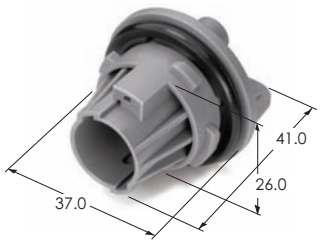
MG665853(F:45 150°)



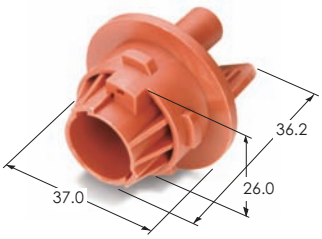
MG665850(F:40 150°)



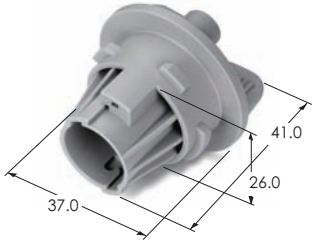
MG665851(F:45 180°)



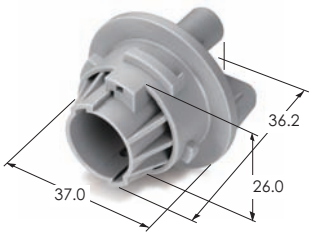
MG635771(F:40 150°)



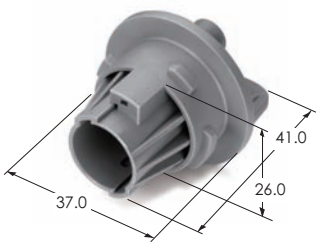
MG635814(F:45 150°)



MG635795(F:40 180°)

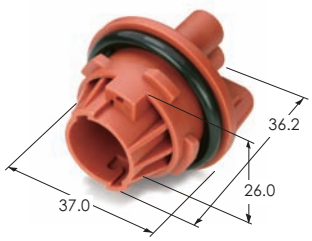


MG635799(F:45 180°)

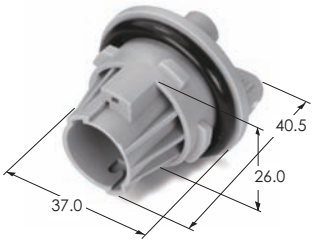


DOUBLE

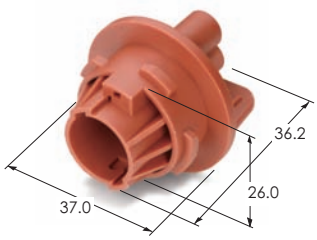
MG665834(F:40 180°)



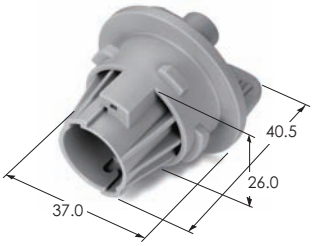
MG665852(F:45 180°)



MG665772(F:40 180°)

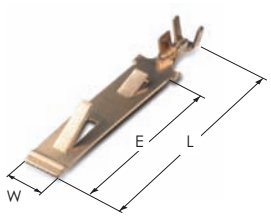


MG635813(F:45 180°)

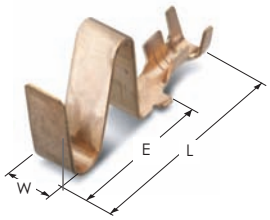


BULB SOCKET CONNECTOR

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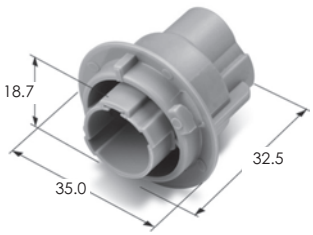


RCL BULB SOCKET TERMINAL

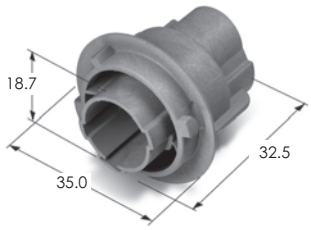
Part No.	Wire Range		Material	Dimension(mm)			Type
	AWG	mm²	Finish	L	E	W	
ST760520-1	20-18	AVS(AVSS) 0.5-0.85	Copper Alloy	29.3	23.3	5.0	Ⓐ
ST760521-1	20-18	AVS(AVSS) 0.5-0.85	Copper Alloy	18.3	12.6	4.0	Ⓑ

RCL WP BULB SOCKET

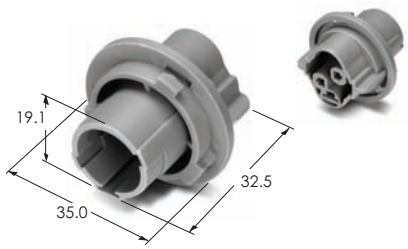
MG630484(S/1, E/S)



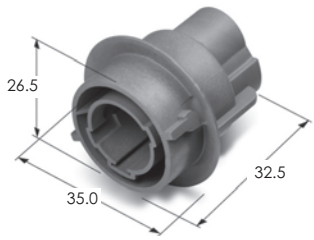
MG 630485(S/2, E/D)



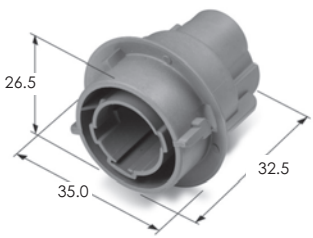
MG631785-4(N04D)



MG630487(W/1)
MG631390



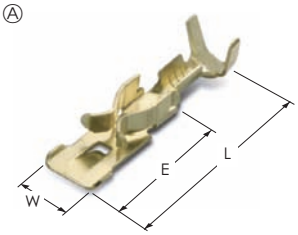
MG630486(W/2)
MG631391 MG632101



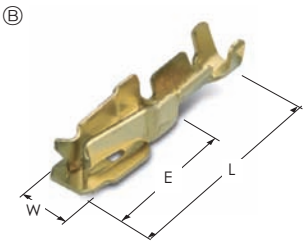
BULB SOCKET CONNECTOR

BACK-UP & HMSL TERMINAL

Ⓐ



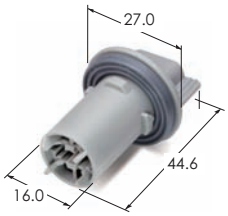
Ⓑ



Part No.	Wire Range		Material	Dimension(mm)			Type
	AWG	mm^2	Finish	L	E	W	
ST780915-1	20-18	AEXF 0.5~0.85	Brass	22.7	13.5	6.6	Ⓐ
ST780759-1	22-20	AEXF 0.5~0.85	Brass	18.3	10.1	5.0	Ⓑ

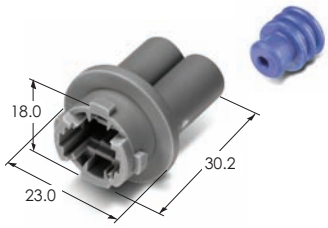
BACK-UP & HMSL SOCKET(W5W/W16W)

MG 665603-41 (GASKET-O)
MG 635686-41 (GASKET-X)



Suitable Terminal : Ⓑ

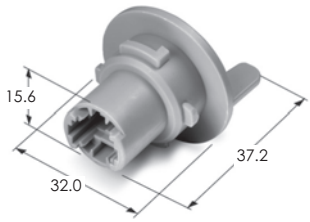
MG 635003-41
MG 633711-41



Suitable Terminal : Ⓐ

MG 685027(W/S)

MG 632546-4



Suitable Terminal : Ⓐ
Wire Seal : **MG 682027**

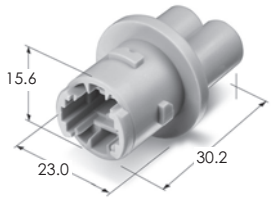
MG 665832



MG 685509(W/S)

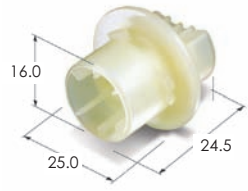


MG 633053-4



Suitable Terminal : Ⓐ
Wire Seal : **MG 682027**

MG 633043



Suitable Terminal : Ⓑ

MG 633456-41(PBT)
MG 635684-4(PA66+MR30%)

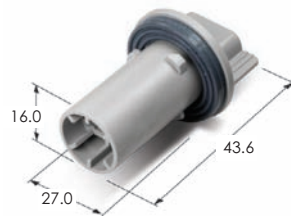


Suitable Terminal : Ⓑ

MG 683470(W/S)

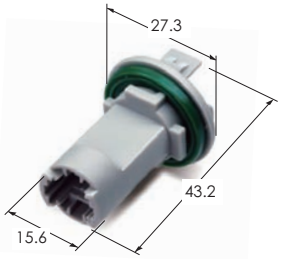


MG 663671-41
MG 665765-4(PA66+MR30%)



Suitable Terminal : Ⓑ

MG 665410-41



Suitable Terminal : Ⓑ

MG 685146(W/S)



MG 665057

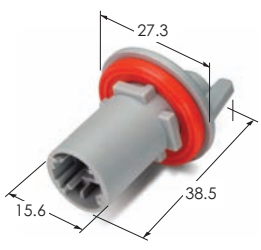


Suitable Terminal : Ⓐ

MG 685146(W/S)



MG 665059



Suitable Terminal : Ⓑ

MG 685146(W/S)

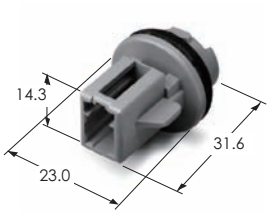


BULB SOCKET CONNECTOR

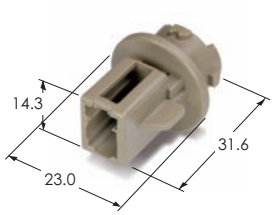
LICENSE PLATE BULB SOCKET(W5W)

050 Type

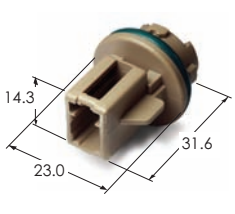
MG661937-4



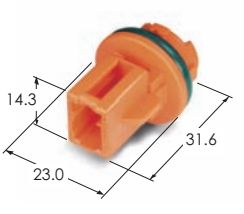
MG663694-7



MG663872-7

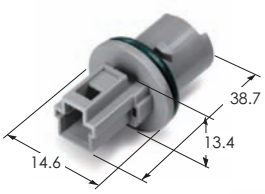


MG665789-11

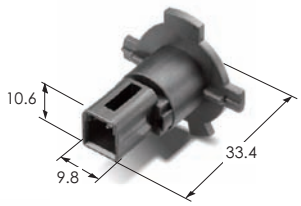


060 Type

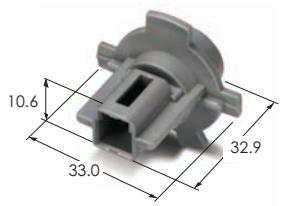
MG663555-4



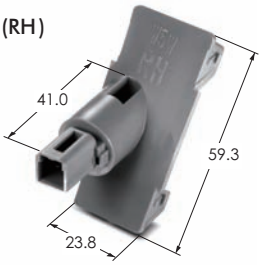
MG664106-41



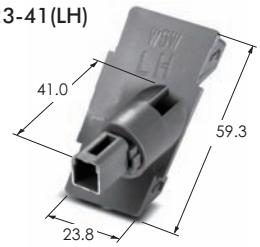
MG665010-41



MG665053-41(RH)



MG665123-41(LH)

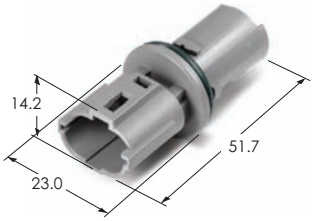


070(SWP) Type

MG660616-4



MG663553-4(GASKET-O)
MG664166-4(GASKET-X)



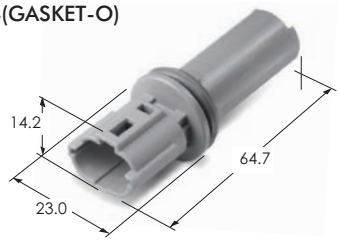
MG662675-7



MG663652-4(GASKET-X)

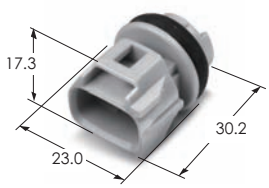


MG663579-4(GASKET-O)



090II WP Type

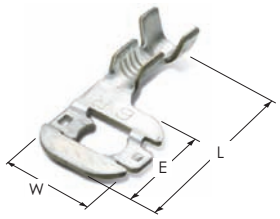
MG661750



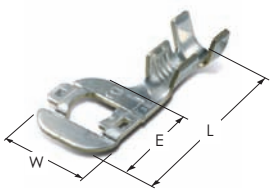
EARTH RING TERMINAL

TERMINAL

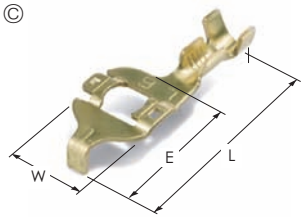
Ⓐ



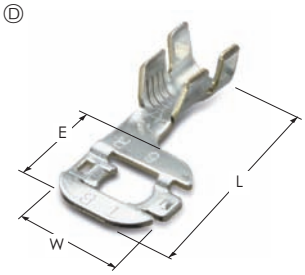
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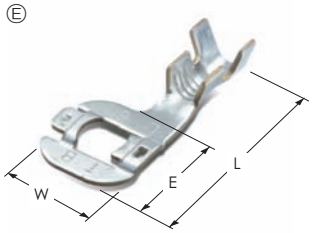
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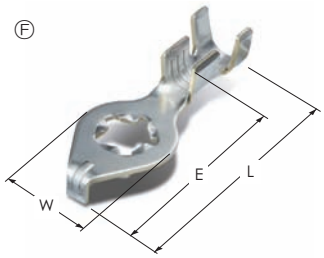
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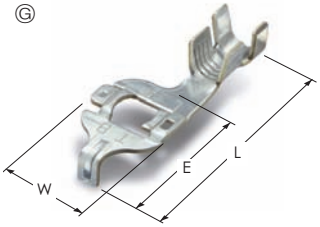
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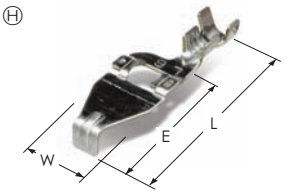
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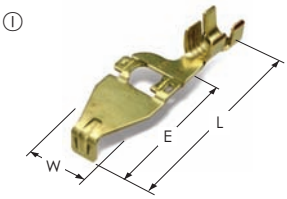


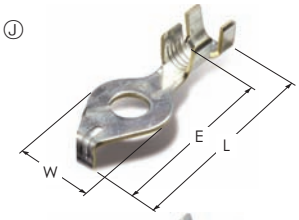
Part No.	Wire Range		Stud Size (mm)	Material	Dimension(mm)			Type
	AWG	mm²		Finish	L	E	W	
ST710806-1	20-16	AVS 1.25+2.0 AVS 3.0	Ø6.4	Brass	28.5	14.0	14.0	Ⓐ
ST710806-2				Brass(Tin)				
ST710806-3				Pre-Tin				
ST710506-1	20-16	AVSS 0.5, AVS 0.5×2 AVSS 0.85, AVSS 1.25 AVS 0.5+0.85	Ø6.4	Brass	28.5	14.0	14.0	
ST710506-3				Pre-Tin				
ST710507-1	16-14	AVS1.25×2,AVS0.5+2.0 AVS0.85+2.0, AVSS 2.0 AVS 0.5+1.25	Ø6.4	Brass	28.5	14.0	14.0	
ST710507-3				Pre-Tin				
ST710558-1	20-14	AVSS 0.85, 1.25, 2.0	Ø8.4	Brass	30.5	16.0	16.0	
ST710558-3				Pre-Tin				
ST710559-1	12-10	AVS 3.0, 5.0	Ø8.4	Brass	30.5	16.0	16.0	
ST710559-3				Pre-Tin				
ST710591-1	10-8	AVS 5.0, 8.0	Ø6.4	Brass	28.5	14.0	14.0	
ST710591-3				Pre-Tin				
ST710805-1	12	AVS 1.25+2.0 AVS 3.0	Ø6.4	Brass	28.5	14.0	14.0	Ⓑ
ST710805-2				Brass(Tin)				
ST710805-3				Pre-Tin				
ST710504-1	20-16	AVSS 0.5, AVSS 0.85 AVSS 1.25,AVS 0.5×2 AVS 0.5+0.85	Ø6.4	Brass	28.5	14.0	14.0	
ST710504-3				Pre-Tin				
ST710505-1	16-14	AVS1.25×2,AVS0.5+2.0 AVS0.85+2.0, AVSS2.0 AVS 0.5+1.25	Ø6.4	Brass	28.5	14.0	14.0	
ST710505-3				Pre-Tin				
ST710590-1	10-8	AVS 5.0, 8.0	Ø6.4	Brass	28.5	14.0	14.0	
ST710590-3				Pre-Tin				
ST710560-1	20-14	AVSS 0.85, 1.25, 2.0	Ø8.4	Brass	30.5	16.0	16.0	
ST710560-3				Pre-Tin				
ST710561-1	20-16	AVS 3.0, 5.0	Ø8.4	Brass	30.5	16.0	16.0	
ST710561-3				Pre-Tin				
ST710783-1	20-16	AVSS 0.5, AVS 0.5×2 AVSS 0.85, AVSS 1.25 AVS 0.5+0.85	Ø6.4	Brass	33.0	18.5	14.0	Ⓒ
ST710783-2				Brass(Tin)				
ST710783-3				Pre-Tin				
ST710784-1	16-14	AVS1.25×2, AVS0.5+2.0 AVS0.85+2.0, AVSS 2.0 AVS 0.5+1.25	Ø6.4	Brass	33.0	18.5	14.0	
ST710784-2				Brass(Tin)				
ST710784-3				Pre-Tin				
ST710950-1	10-8	AEXF(AEX)5.0, 8.0 AVS 5.0, 8.0	Ø6.4	Brass	33.0	18.5	14.0	
ST710950-3				Pre-Tin				
ST710953-1	20-16	AVS 5.0, 8.0	Ø6.4	Brass	30.0	14.0	14.0	Ⓓ
ST710953-3				Pre-Tin				
ST710964-1	20-14	AVS1.25×2 AVS 0.5+2.0, 0.2+1.25 AVS 0.85+2.0 AVSSXF 2.5 +AVS 0.5	Ø6.4	Brass	30.0	14.0	14.0	
ST710964-3				Pre-Tin				
ST710965-1	18-16	AVS 0.5, 0.5×2 0.85 AVS 0.5+ 0.85 1.25	Ø6.4	Brass	30.0	14.0	14.0	
ST710965-3				Pre-Tin				
ST710981-1	10-8	AEXF(AEX)5.0, 8.0 AVSS 8.0	Ø6.4	Brass	30.0	14.0	14.0	Ⓔ
ST710981-3				Pre-Tin				
ST711027-3	20-12	AVS 3.0, 2.0 1.25×2 AVS 0.5+1.25, 0.5+2.0 AVS 0.85+2.0	Ø6.4	Pre-Tin	30.0	14.0	14.0	
ST710998-3	-	AVS 5.0, 8.0	Ø6.4	Pre-Tin	37.2	24.2	14.0	Ⓕ
ST710952-1	20~14	AVSS 2.0, AVS 1.25×2 AVS 0.5+1.25, 0.5+2.0 AVS 0.85+2.0	Ø6.4	Brass	34.7	18.5	14.0	Ⓖ
ST710952-3				Pre-Tin				
ST710966-1	20~14	AVSS 0.5, AVS 0.5×2 AVSS 0.85, AVSS 1.25 AVS 0.5+0.85	Ø6.4	Brass	34.7	18.5	14.0	
ST710966-3				Pre-Tin				
ST710967-1	10~8	AEXF(AEX)5.0, 8.0 AVS 5.0, AVS 8.0	Ø6.4	Brass	34.7	18.5	14.0	
ST710967-3				Pre-Tin				

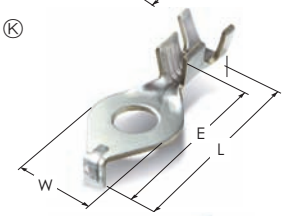
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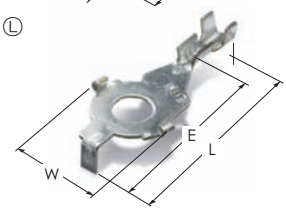
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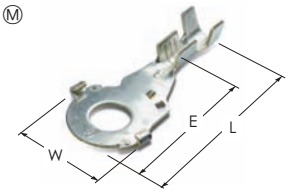
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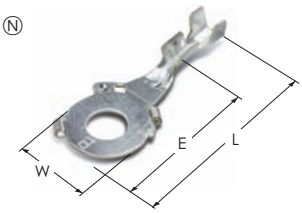
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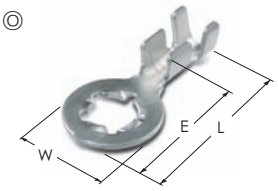
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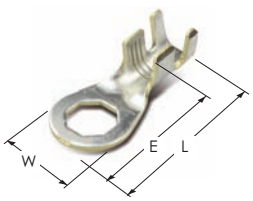
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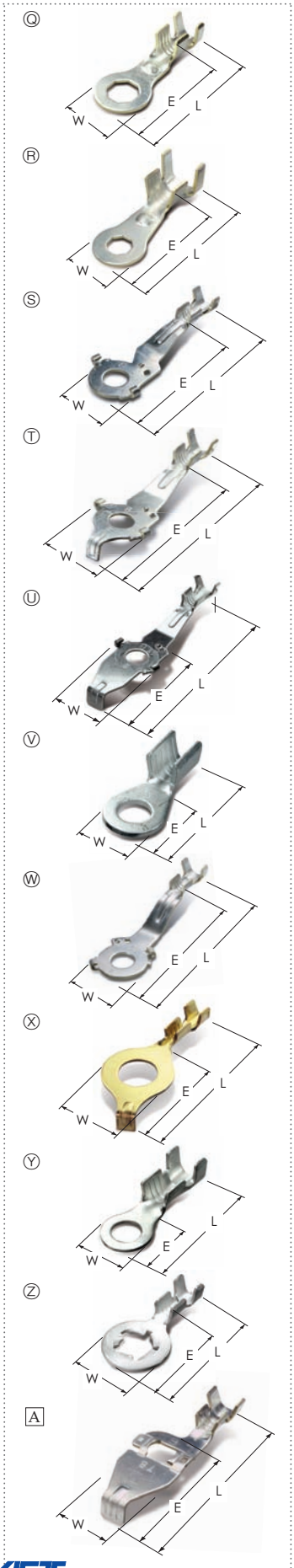
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Part No.	Wire Range		Stud Size (mm)	Material	Dimension(mm)			Type
	AWG	mm²		Finish	L	E	W	
ST711198-1	20~16	AVS 1.25 , 2, 0.5+1.25 AVS 0.5+2.0, 0.85+2.0	Ø6.4	Brass	46.7	27.0	14.0	Ⓗ
ST711198-3				Pre-Tin				
ST711199-1	16~14	AVS 1.25×2, 0.5+1.25 AVS 0.5+2.0, 0.85+2.0 AVSS 2.0	Ø6.4	Brass	46.7	27.0	14.0	
ST711199-3				Pre-Tin				
ST711200-1	10~8	AEXF(AEX) 5.0, 8.0 AVS 5.0, 8.0 FLRY-B 4.0,6.0	Ø6.4	Brass	46.7	27.0	14.0	Ⓘ
ST711200-3				Pre-Tin				
ST711022-3	10~8	AEXF(AEX) 5.0, 8.0 AVS 5.0, AVS 8.0	Ø6.4	Brass	34.7	24.0	14.0	Ⓙ
				Pre-Tin				
ST711059-3	20~18	AEXF 0.5~0.85 AVSS 0.5~0.85	Ø6.4	Brass	34.7	24.0	14.0	
				Pre-Tin				
ST710853-1	20~16	AVSS 0.5, AVS 0.5+0.5 AVSS 0.85, AVSS 1.25 AVS 0.5+0.85	Ø6.4	Brass	32.3	21.1	14.0	Ⓚ
ST710853-2				Brass(Tin)				
ST711049-1	22~20	AVSS 0.5 AVSS 03+0.3	Ø6.4	Brass	32.3	21.1	14.0	
ST711049-2				Brass(Tin)				
ST710782-3	14~10	AVS 2.0~5.0	Ø6.4	Brass	32.3	21.1	14.0	
				Brass(Tin)				
ST710859-3	22~20	AVSS 0.3~0.5	Ø6.4	Pre-Tin	37.0	26.0	17.0	Ⓛ
ST710847-3	18~16	AVSS 0.85~1.25	Ø6.4	Pre-Tin	37.0	26.0	17.0	
ST710870-3	14~12	AVS 2.0~3.0	Ø6.4	Pre-Tin	37.0	26.0	17.0	
ST710808-3	22~20	AVSS 0.3~0.5	Ø6.4	Pre-Tin	32.4	26.0	17.0	Ⓜ
ST710809-3	18~16	AVSS 0.85~1.25	Ø6.4	Pre-Tin	32.4	26.0	17.0	
ST710846-3	14~12	AVS 2.0~3.0	Ø6.4	Pre-Tin	32.4	26.0	17.0	
ST710848-3	22~20	AVSS 0.3~0.5	Ø6.4	Pre-Tin	33.4	22.4	14.8	Ⓝ
ST710849-3	18~16	AVSS 0.85-1.25	Ø6.4	Pre-Tin	33.4	22.4	14.8	
ST710850-3	14~12	AVS 2.0-3.0	Ø6.4	Pre-Tin	33.4	22.4	14.8	
ST710725-1	16~14	AVSS 1.25-2.0	Ø8.4	Brass	33.0	20.0	17.4	Ⓞ
ST710725-2				Brass(Tin)				
ST710726-1	12~10	AVS 3.0-5.0	Ø8.4	Brass	33.0	20.0	17.4	
ST710726-2				Brass(Tin)				
ST710727-1	8	AVS 8.0	Ø8.4	Brass	33.0	20.0	17.4	
ST710727-2				Brass(Tin)				
ST710728-1	16~14	AVSS 1.25-2.0	Ø6.4	Brass	33.0	20.0	15.4	
ST710728-2				Brass(Tin)				
ST710729-1	12~10	AVS 3.0-5.0	Ø6.4	Brass	33.0	20.0	15.4	
ST710729-2				Brass(Tin)				
ST710730-1	8	AVS 8.0	Ø6.4	Brass	33.0	20.0	15.4	
ST710730-2				Brass(Tin)				
ST711071-2	12~8	FLRY 4.0~6.0 FLRY 1.5×3 FLRY 1.5×4	Ø6.33	Pre-Tin	23.0	14.5	15.4	Ⓟ
ST711072-2	14~12	FLRY 2.5 FLRY 1.5X2	Ø6.33	Pre-Tin	23.0	14.5	15.4	
ST711073-2	20~16	FLRY 0.5~1.5	Ø6.33	Pre-Tin	23.0	14.5	15.4	

EARTH RING TERMINAL



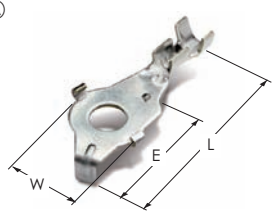
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Part No.	Wire Range		Stud Size (mm)	Material	Dimension(mm)			Type
	AWG	mm²		Finish	L	E	W	
ST711074-2	12~8	FLRY 4.0~6.0 FLRY 1.5×3 FLRY 1.5×4	Ø6.33	Pre-Tin	29.0	20.0	12.0	
ST711075-2	14~12	FLRY 2.5 FLRY 1.5X2	Ø6.33	Pre-Tin	29.0	20.0	12.0	Ⓠ
ST711076-2	20~16	FLRY 0.5~1.5	Ø6.33	Pre-Tin	29.0	20.0	12.0	
ST711077-2	~	FLRY 10 FLRY 4.0+6.0	Ø6.33	Pre-Tin	37.0	24.0	14.0	Ⓡ
ST710984-3	18~16	AVSS 0.5×2 AEXF 0.5×2 AVSS 0.85~1.25 AEXF 0.85~1.25	Ø6.4	Pre-Tin	44.0	33.4	18.0	
ST710985-3	14~12	AVSS 2.0 AEXF 2.0~3.0	Ø6.4	Pre-Tin	44.0	33.4	18.0	Ⓢ
ST710986-3	14~10	AVSS 2.0×2 AEXF(AEX) 2.0×2 AEXF(AEX) 5.0	Ø6.4	Pre-Tin	44.0	33.4	18.0	
ST710987-3	18~16	AVSS 0.5×2 AEXF 0.5×2 AVSS 0.85~1.25 AEXF 0.85~1.25	Ø6.4	Pre-Tin	49.0	38.2	18.0	
ST710988-3	14~12	AVSS 2.0 AEXF 2.0~3.0	Ø6.4	Pre-Tin	49.0	38.2	18.0	Ⓣ
ST710989-3	14~10	AVSS 2.0×2 AEXF(AEX) 2.0×2 AEXF(AEX) 5.0	Ø6.4	Pre-Tin	49.0	38.2	18.0	
ST711220-3	18~16	AVSS 0.5×2 AEXF 0.5×2 AVSS 0.85~1.25 AEXF 0.85~1.25	Ø6.4	Pre-Tin	62.5	28.8	6.0	
ST711221-3	14~12	AVSS 2.0 AEXF 2.0~3.0	Ø6.4	Pre-Tin	62.5	28.8	6.0	Ⓤ
ST711222-3	14~10	AVSS 2.0×2 AEXF(AEX) 2.0×2 AEXF(AEX) 5.0	Ø6.4	Pre-Tin	62.5	28.8	6.0	
ST711302-3	14~10	AVSS 2.0×2 AEXF(AEX) 2.0×2 AEXF(AEX) 5.0	Ø6.4	Pre-Tin	49.0	38.2	18.0	Ⓥ
ST710990-3	18~16	AVSS 0.5×2 AEXF 0.5×2 AVSS 0.85~1.25 AEXF 0.85~1.25	Ø6.4	Pre-Tin	44.6	33.4	15.0	
ST710991-3	14~12	AVSS 2.0 AEXF 2.0~3.0	Ø6.4	Pre-Tin	44.6	33.4	15.0	Ⓦ
ST710992-3	14~10	AVSS 2.0×2 AEXF(AEX) 2.0×2 AEXF(AEX) 5.0	Ø6.4	Pre-Tin	44.6	33.4	15.0	
ST710957-1	22~20	AVS 0.3~0.5	Ø6.4	Brass	27.7	15.7	3.0	
ST710949-1	18~14	AVS 0.85~2.0	Ø6.4	Brass	27.7	15.7	3.0	Ⓧ
ST711146-2	14~12	2.0~3.0	Ø5.4	Brass(Tin)	23.6	12.6	9.2	Ⓨ
ST711306-2	14~12	2.0~3.0	Ø6.4	Brass(Tin)	23.6	12.6	9.2	Ⓩ
ST711308-3	20~16	AVS 0.5, 0.5×2, 0.85 AVSSXF 0.25 AVS1.25, 0.5+0.85	Ø6.4	Pre-Tin	43.0	27.0	14.0	
ST711309-3	16~14	AVS 1.25×2, 0.5+1.25, 0.85 AEXF(AEX) 3.0, AVSS 2.0 AVS 0.5+2.0, 0.85+2.0	Ø6.4	Pre-Tin	43.0	27.0	14.0	Ⓐ
ST711310-3	10~8	AEXF(AEX) 5.0, 8.0 AVS 5.0, 8.0 FLRY-B 4.0, 6.0	Ø6.4	Pre-Tin	43.0	27.0	14.0	

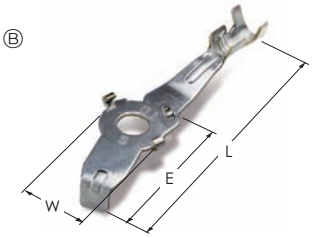
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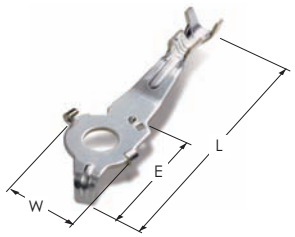
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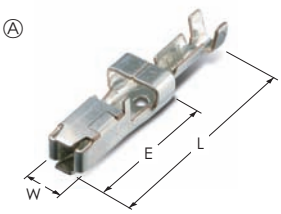
Part No.	Wire Range		Stud Size (mm)	Material	Dimension(mm)			Type
	AWG	mm²		Finish	L	E	W	
ST711313-3	14-12	AVSS 2.0~3.0	Ø6.4	Copper Alloy (Pre-Tin)	37.1	20.08	16.99	Ⓐ
ST711318-3	18-16	AVSS 0.85~1.25	Ø6.4	Copper Alloy (Pre-Tin)	37.1	20.08	16.99	
ST711319-3	20-18	AVSS 0.5~0.85 AVSS 0.3*0.3	Ø6.4	Copper Alloy (Pre-Tin)	37.1	20.08	16.99	
ST711320-3	18-16	AVSS 0.5*0.5 AEXF 0.5*0.5 AVSS 0.85 ~1.25 AEXF 0.85 ~1.25	Ø6.4	Copper Alloy (Pre-Tin)	56.84	28.24	18.6	Ⓑ
ST711321-3	14-12	AVSS 2.0 AVSS 2.0~3.0	Ø6.4	Copper Alloy (Pre-Tin)	22.8	13.9	1.45	
ST711322-3	11-10	AVSS 2.0*2.0 AEXF(AEX) 2.0*2.0 AEXF(AEX) 5.0	Ø6.4	Copper Alloy (Pre-Tin)	22.8	13.9	1.45	
ST711323-3	8	AVSS 8.0	Ø6.4	Copper Alloy (Pre-Tin)	23.65	14.75	1.5	
ST711324-3	18-16	AVSS 0.5*0.5 AEXF 0.5*0.5 AVSS 0.85 ~1.25 AEXF 0.85 ~1.25	Ø6.4	Copper Alloy (Pre-Tin)	48.7	19.77	17.88	Ⓒ
ST711326-3	14-12	AVSS 2.0 AEXF 2.0~3.0	Ø6.4	Copper Alloy (Pre-Tin)	48.7	19.77	17.88	
ST711327-3	11-10	AVSS 2.0*2.0 AEXF(AEX) 2.0*2.0 AEXF(AEX) 5.0	Ø6.4	Copper Alloy (Pre-Tin)	48.7	19.77	17.88	

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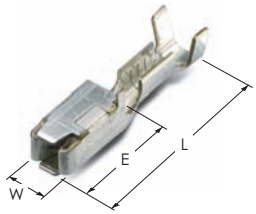
▶Mostly suitable for use with automotive relays and fuses,
those with Lance Terminal Connectors are provided for multiple-pole Housing.

IIO F/B(SINGLE) TERMINAL

Ⓐ



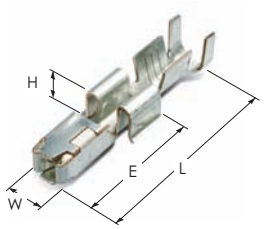
Ⓑ



Part No.	Wire Range		Material	Dimension(mm)				Type
	AWG	mm^2	Finish	L	E	W	H	
ST780801-3	22-12	AVSS 0.3-0.5	Pre-Tin	25.2	14.2	4.4	-	Ⓐ
ST780802-3		AVSS 0.85-1.25						
ST780803-3		AVS 2.0-3.0, AVSS2.0						
ST780665-3	22-16	AVSS 0.3-0.5	Pre-Tin	19.8	8.2	4.4	-	Ⓑ
ST780666-3		AVSS 0.85-1.25						
ST780781-3	14-12	AVS 2.0-3.0 AVSS 2.0	Pre-Tin	19.8	8.2	4.4	-	

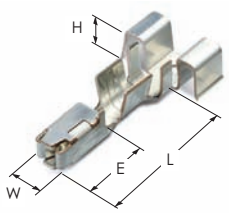
IIO F/B(MULTI) TERMINAL

Ⓒ



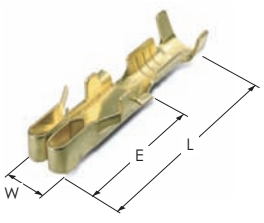
ST780740-3	22-12	AVSS 0.3-0.5	Pre-Tin	25.2	15.4	4.4	4.2	Ⓒ
ST780741-3		AVSS 0.85-1.25						
ST780742-3		AVS 2.0-3.0, AVSS2.0						
ST780667-3	12-10	AVS 3.0-5.0	Pre-Tin	21.0	15.4	4.4	5.4	Ⓓ

Ⓓ



FFT 1-WAY(SINGLE) TERMINAL

Ⓔ



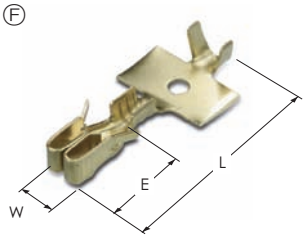
ST780274-1	20-18	AVSS 0.5-0.85	Brass	26.5	9.0	5.4	-	Ⓔ
ST780274-3			Pre-Tin					
ST780240-1			Brass	26.9	9.6	5.4	-	
ST780240-3			Pre-Tin					
ST780275-1	16-14	AVSS 1.25-2.0	Brass	26.5	9.0	5.4	-	
ST780275-3			Pre-Tin					
ST780212-1			Brass	26.9	9.6	5.4	-	
ST780212-3			Pre-Tin					
ST780213-1	12-10	AVS 3.0	Brass	26.9	9.6	5.4	-	
ST780213-3			Pre-Tin					
ST780276-1			Brass	26.9	9.6	5.4	-	
ST780276-3			Pre-Tin					

MINI & FLAT FUSE TERMINAL

▶Mostly suitable for use with automotive relays and fuses,
those with Lance Terminal Connectors are provided for multiple-pole Housing.

FFT MULTI TERMINAL

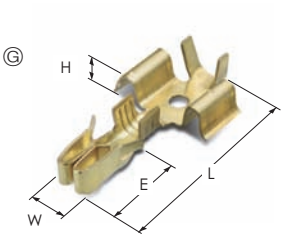
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Part No.	Wire Range		Material	Dimension(mm)				Type
	AWG	mm²	Finish	L	E	W	H	
ST780215-1	16-14	AVSS1.25-2.0	Brass	27.8	9.6	5.1	-	Ⓕ
ST780215-3			Pre-Tin					

FFT BENDING MULTI TERMINAL

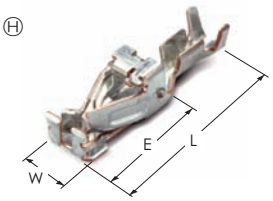
Ⓖ



ST780277-1	12-10	AVS 3.0	Brass	27.6	9.4	5.1	4.2	Ⓖ
ST780277-3			Pre-Tin					
ST780281-1	12-10	AVS 3.0-5.0	Brass	27.6	9.4	5.1	3.1	
ST780281-3			Pre-Tin					

LOW HEIGHT MINI FUSE(SINGLE) TERMINAL

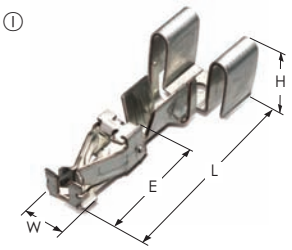
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ST781033-3	22-20	AVSS 0.3~0.5	Pre-Tin	17.8	9.5	4.5	-	Ⓗ
ST781034-3	18-16	AVS 0.85~1.25 AVSS 0.85~1.25	Pre-Tin	17.8	9.5	4.5	-	
ST781035-3	14-12	AVS 2.0~3.0 AVSS AVSSXF 2.0	Pre-Tin	17.8	9.5	4.5	-	

LOW HEIGHT MINI FUSE(MULTI) TERMINAL

Ⓘ

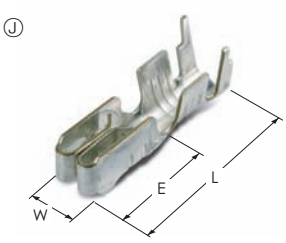


ST781096-3	22-20	AVSS 0.3~0.5	Pre-Tin	17.8	9.5	4.4	7.4	Ⓘ
ST781097-3	18-16	AVSS 0.85~1.25	Pre-Tin	17.8	9.5	4.4	7.4	
ST781098-3	14-12	AVS 2.0~3.0 AVSS AVSSXF 2.0	Pre-Tin	17.8	9.5	4.4	7.4	

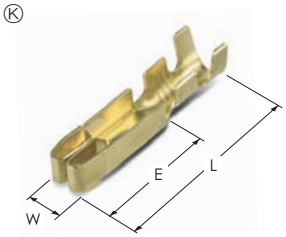
FLAT FUSE TERMINAL

▶Flat Fuse Connectors are mostly used with automotive relays and fuses for multiple-pole Housing.
▶Housing Locking Type Terminal
▶These connectors are designed for easy insertion, positive mating and proper connection with Fuse Tab.

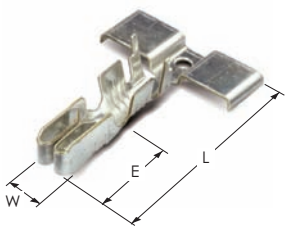
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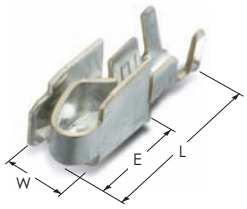
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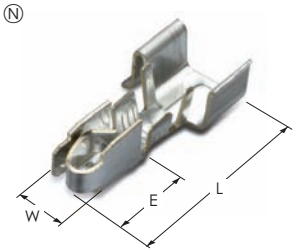
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FTH I-WAY(SINGLE) TERMINAL

Part No.	Wire Range		Material	Dimension(mm)			Type
	AWG	mm²	Finish	L	E	W	
ST780429-3	20-16	AVSS 0.5-1.25	Brass Pre-Tin	20.0	9.5	5.0	Ⓙ
ST780430-3	14-12	AVS 2.0-3.0	Brass Pre-Tin	20.0	9.5	5.0	
ST780433-3	12-10	AVS 3.0-5.0	Brass Pre-Tin	20.0	9.5	5.0	
ST780356-1 ○ ST780356-3	20-18	AVSS 0.5-0.85	Brass Pre-Tin	26.5	15.0	5.4	Ⓚ
ST780357-1 ○ ST780357-3	14-12	AVS 2.0-3.0	Brass Pre-Tin	26.5	15.0	5.4	

FTH MULTI TERMINAL

(PITCH : 12mm)

ST780377-3	20-14	AVSS 0.85-2.0	Brass Pre-Tin	28.5	9.5	5.0	Ⓛ
ST780378-3	12-10	AVS 3.0-5.0	Brass Pre-Tin	28.5	9.5	5.0	
ST780456-3	10	AVS 5.0	Brass Pre-Tin	28.5	9.5	5.0	

(PITCH : 11mm)

ST780604-3	22-20	AVSS 0.3-0.5	Brass Pre-Tin	28.5	9.5	5.0	Ⓛ
ST780454-3	20-14	AVSS 0.85-2.0	Brass Pre-Tin	28.5	9.5	5.0	
ST780455-3	12	AVS 3.0	Brass Pre-Tin	28.5	9.5	5.0	
ST780555-3	10	AVS 5.0	Brass Pre-Tin	28.5	9.5	5.0	

EFH I-WAY(SINGLE) TERMINAL

ST780418-3	22-18	AVSS 0.3-0.85	Brass Pre-Tin	17.4	9.5	5.0	Ⓜ
ST780419-3	16-14	AVSS 1.25-2.0					
ST780420-3	12-10	AVS 3.0-5.0	Brass Pre-Tin	17.4	9.5	5.0	

EFH MULTI TERMINAL

ST780415-3	22-18	AVSS 0.3-0.85	Brass Pre-Tin	25.2	9.5	5.0	Ⓝ
ST780416-3	16-14	AVSS 1.25-2.0					
ST780417-3	12-10	AVS 3.0-5.0	Brass Pre-Tin	25.2	9.5	5.0	

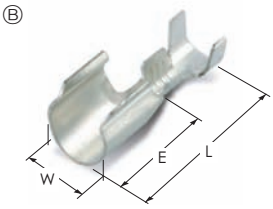
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FUSE HOLDER & LAMP TERMINAL

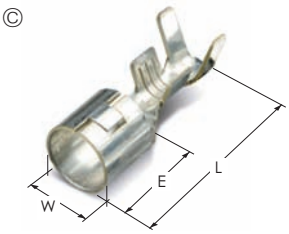
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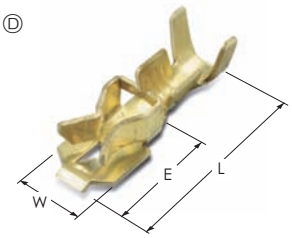
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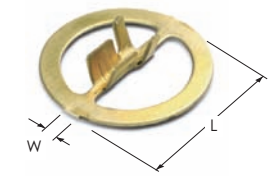
Ⓒ



Ⓓ



Ⓔ



Ⓕ



BUTTON CONTACT

Part No.	Description	Wire Range AWG(mm²)	Material Finish	Dimension(mm) L	∈	W	Type
◇ ST760059-1	Ø5.0	22-18 AVSS 0.3-0.8	Brass	7.1		4.6	Ⓐ
◇ ST760059-3			Pre-Tin				
ST760125-1	Ø6.0	20-16 AVSS 0.5-1.25	Brass	8.1		6.2	
ST760125-3			Pre-Tin				

FUSE HOLDER TERMINAL

ST780242-1	Ø6.0	18-16 AVSS 0.85-1.25	Brass	18.0	10.7	5.4	Ⓑ
ST780242-2			Brass(Tin)				
ST780328-1	Ø6.0	14-12 AVS 2.0-3.0	Brass	18.0	10.7	6.5	
ST780328-2			Brass(Tin)				
ST780858-3	Ø6.5	16-14 AVSS1.25-2.0	Pre-Tin	17.7	8.7	7.0	Ⓒ

LAMP TERMINAL (WITHOUT LANCE)

Part No.	Wire Range AWG	Wire Range mm²	Material Finish	Dimension(mm) L	∈	W	Type
ST780325-1	20-18	AVSS 0.5-0.85	Brass	16.0	8.0	5.2	Ⓓ
ST780325-3			Pre-Tin				
ST780324-1	16	AVSS 0.8-1.25	Brass	16.0	8.0	5.2	
ST780324-3			Pre-Tin				

LAMP TERMINAL (WITH LANCE)

ST780265-1	20-18	AVSS 0.5-0.85	Brass	16.0	8.0	5.2	Ⓓ
ST780265-3			Pre-Tin				
ST780312-1	16	AVSS 0.85-1.25	Brass	16.0	8.0	5.2	
ST780312-3			Pre-Tin				

EARTH RING TERMINAL

ST710519-1	20	AVSS 0.5	Brass	15.0		2.2	Ⓔ
ST710881-1	18	AVSS 0.85	Brass	15.0		1.8	Ⓕ

CONNECTOR COVER

COVER

Connector Cover	Suitable Connector	Ø
MG632484 	MG640945	7Ø
MG632385 	MG641299	9Ø
MG632386 	MG640186 MG640187 MG610088	5Ø
MG632387 	MG611764 MG641767	9Ø
MG632388 	MG610350 MG640352	11Ø
MG632389 	MG610346 MG640348	11Ø
MG632404 	MG641152	7Ø
MG632405 	MG642273 MG643477-4	7Ø

Connector Cover	Suitable Connector	Ø
MG632412 	MG651092	5Ø
MG632424 	MG641744	9Ø
MG632437 	MG640849	5Ø
MG632477 	MG640944	7Ø
MG632478 	MG650943	7Ø
MG632524 	MG610499 MG640501	7Ø
MG641969-4 	MG651104	CAP
MG633121 	MG640605	5Ø

CONNECTOR COVER

COVER

Connector Cover	Suitable Connector	Ø
MG633116 	(7283-5073-70)	7Ø
MG633117 	(7283-5073-70)	7Ø
MG632904-40 	(7283-6507-70)	5Ø
MG633123 	MG610658	7Ø
MG632901 	MG641627	7Ø
MG632903 	(7283-6507-70)	5Ø
MG633155 	MG610705	5Ø
MG633125 	MG652520 MG653701	5Ø

Connector Cover	Suitable Connector	Ø
MG633156 	MG641234 MG641295	5Ø
MG632545 	MG651747	9Ø
MG633124 	MG652584	7Ø
MG632628 	MG642357	7Ø
MG633122 	(6188-0443)	5Ø
MG633119 	MG642605	5Ø
MG632946 	MG652934	11Ø
MG632902 	(C91401-3B582-01)	7Ø

CONNECTOR COVER

COVER

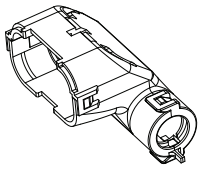
Connector Cover	Suitable Connector	Ø
MG632629 	MG642351	9Ø
MG632572 	MG641107	9Ø
MG632936 	MG642925	12Ø
MG633165 	(6189-0099)	7Ø
MG633120 	(6189-0027)	5Ø
MG633126 	MG640711	11Ø
MG632876 	MG641299 MG641288	11Ø
MG633154 	MG642840	11Ø

Connector Cover	Suitable Connector	Ø
MG632935 	MG642928	12Ø
MG633118 	MG612017	11Ø
MG633106 	MG640707	5Ø
MG633164 	MG641299 MG641288	9Ø
MG632971 	MG642273	5Ø
MG632495-40 	MG651747	11Ø
MG633989 	MG652582	9Ø
MG634043 	MG652584	9Ø

CONNECTOR COVER

COVER

Connector Cover	Suitable Connector	Ø
MG633166 	MG640461	5Ø
MG633168 	MG620270	-
MG633169 	MG641928	-
MG633178-4 	MG643206	-
MG633205 	MG640188	7Ø
MG633337 	MG643174	-
MG633338 	MG643174	-
MG633368 	MG642925	8.4Ø

Connector Cover	Suitable Connector	Ø
MG633812 	MG643793	11Ø
MG633497 	MG641299 MG641288	9Ø
MG633511 	MG643507	-
MG633568 	MG653494	7Ø
MG633207 	MG652290	11Ø
MG634050 	MG644051	-
MG633703 	MG641299 MG641288	9Ø
MG633208 	MG642292	11Ø

CONNECTOR COVER

COVER

Connector Cover	Suitable Connector	Ø
MG635666 	MG645546 MG645784	9Ø
MG633351 	MG651098	7Ø
MG633803 	MG643739	11Ø
MG634816 	MG644771	-
MG635298 	MG610557 MG613130 MG613132 MG613133 MG613692	-
MG635412-4 	MG665410	-
MG635467 	MG644554	5Ø
MG635490 		10.5Ø

Connector Cover	Suitable Connector	Ø
MG633761 	MG643546	11Ø
MG634392 	MG654391	-
MG634866 	MG654391	-
MG634867 	MG654391	-
MG633186 	MG643396	-
MG633421 	MG643396	-
MG633422-2 	MG643392-2	-
MG635436 	MG645433	-

CONNECTOR COVER

COVER

Connector Cover	Suitable Connector	Ø
MG635613 	MG645740	-
MG635615 	MG645741	-
MG635632 	MG645751	-
MG635654 	MG643796	7Ø
MG635590 	MG645655	-
MG635652(LH) MG635653(RH) 	MG655730	-
MG635690 	MG645546 MG645784	7Ø
MG635679(RH) 	MG645805	-

Connector Cover	Suitable Connector	Ø
MG635624 	MG655707	10Ø
MG635642 	MG652863 MG652864 MG653650 MG653651 MG653849	9Ø
MG632867 	MG652863 MG652864 MG653077 MG653078	9Ø
MG635658 	MG655737 MG655749	9Ø
MG635702 	MG643284	7Ø
MG635667 	MG645785	16Ø
MG635693 	MG645785	14Ø
MG635730 	MG655740	14Ø

CONNECTOR COVER

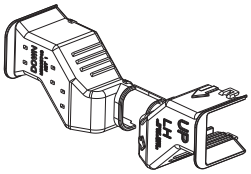
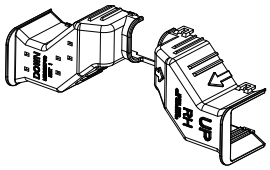
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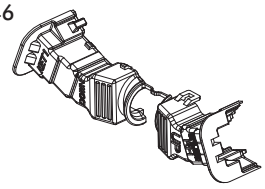
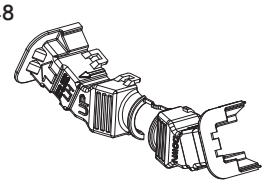
Connector Cover	Suitable Connector	Ø
MG635819 	MG646068	–
MG635820 	MG646068	–
MG635809 	MG646002	–
MG635810 	MG646002	–
MG635738 	MG645911	–
MG635741 	MG656782	–
MG635737 	MG655730	–
MG635768 	MG655782	–

Connector Cover	Suitable Connector	Ø
MG635816 	MG655704	11Ø
MG635758 	MG656813	4.5Ø
MG635733 	MG643796	11Ø
MG635790 	MG656891	6Ø
MG635789 	MG646049	–
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MG635828 	MG646085	–
MG635766 	MG655809 MG655810 MG655811 MG655812	12Ø

CONNECTOR COVER

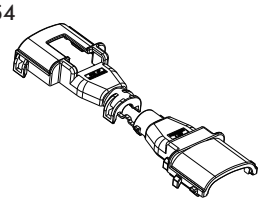
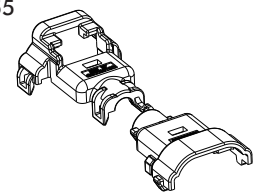
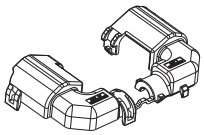
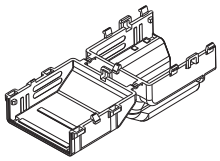
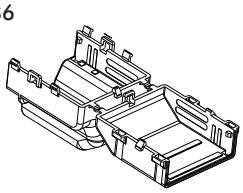
COVER

Connector Cover	Suitable Connector	Ø
MG635748 	MG645857	–
MG635749 	MG645857	–
MG635762 	MG645857	–
MG635793 	MG645857	–
MG635759 	MG645857	–
MG635794 	MG645857	–
MG635791 	MG646018	–
MG635811 	MG646018	–

Connector Cover	Suitable Connector	Ø
MG635812 	MG646002	–
MG635865 	MG645725 MG645879 MG645880	11Ø
MG635870 	MG643284	7Ø
MG635889 	MG646002	–
MG635844 	MG646085	–
MG635845 	MG646085	–
MG635846 	MG646002	–
MG635848 	MG646002	–

CONNECTOR COVER

COVER

Connector Cover	Suitable Connector	Ø
MG635854 	MG644145	5Ø
MG635855 	MG643744	5Ø
MG635859 	MG641238	5Ø
MG635842 	MG645940	–
MG635885 	MG646195	–
MG635886 	MG646195	–

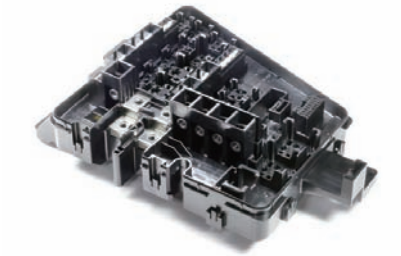
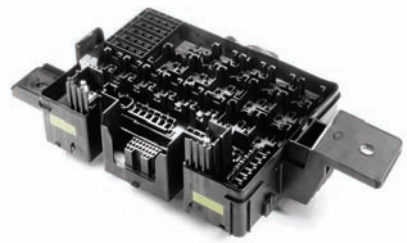
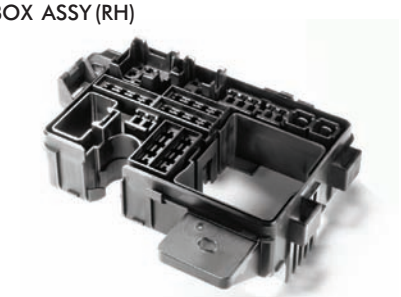
Connector Cover	Suitable Connector	Ø

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BOX

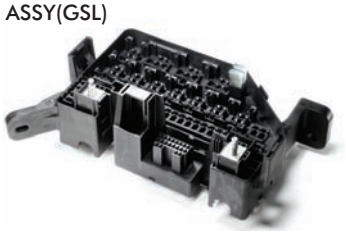
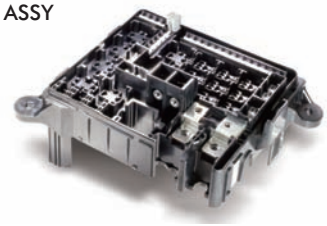
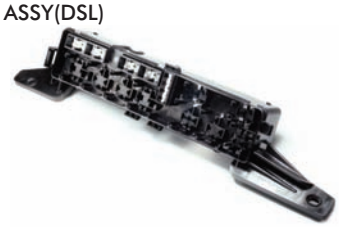
CONVENTIONAL TYPE

- Guarantee durability in any environment conditions.
- Apply smaller and lighter structure design.
- Load standardized device and realize integrated box.

Part Name & Picture	Part No.	Descriptions & Specification
JOINT BOX ASSY -ENG ROOM 	JB520021	● Engine Room Fuse Box (Conventional Type) ● Rated Voltage : DC 12V ● Temperature Range : -30 ℃ ~ +90 ℃ ● Feature : Built Battery Charging Port
FUSE & RELAY BOX ASSY - ENG ROOM 	JB520020	● Engine Room F&R Box (Conventional Type) ● Rated Voltage : DC 12V ● Temperature Range : -30 ℃ ~ +90 ℃ ● Feature : Ensure high reliability applying main power connect structure by Bus-Bar.
FUSE BOX ASSY -TRUNK ROOM 	JB520048	● Trunk Room Fuse Box (Conventional Type) ● Rated Voltage : DC 12V ● Temperature Range : -30 ℃ ~ +90 ℃ ● Feature : Battery Post in series
FUSE & RELAY BOX ASSY (LH) - ENG ROOM 	JB520059	● Engine Room F&R Box (Conventional Type) ● Rated Voltage : DC 12V ● Temperature Range : -30 ℃ ~ +90 ℃ ● Feature : Ensure high reliability applying to main power connect structure by Bus-Bar.
FUSE & RELAY BOX ASSY (RH) - ENG ROOM 	JB520061	● Engine Room F&R Box (Conventional Type) ● Rated Voltage : DC 12V ● Temperature Range : -30 ℃ ~ +90 ℃ ● Feature : Apply structure to assembly In-line Connector and to combine joint circuit.

BOX

CONVENTIONAL TYPE

Part Name & Picture	Part No.	Descriptions & Specification
FUSE & RELAY BOX ASSY(GSL) - ENG ROOM 	JB520065	● Engine Room F&R Box (Conventional Type) ● Rated Voltage : DC 12V ● Temperature Range : -30 ℃ ~ +90 ℃ ● Feature : Apply smaller and lighter structure design.
FUSE & RELAY BOX ASSY - ENG ROOM 	JB520134	● Engine Room F&R Box (Conventional Type) ● Rated Voltage : DC 12V ● Temperature Range : -30 ℃ ~ +90 ℃ ● Feature : Apply Multi Fuse, EMS Block
FUSE & RELAY BOX ASSY - ENG ROOM 	JB520144	● Engine Room F&R Box (Conventional Type) ● Rated Voltage : DC 12V ● Temperature Range : -30 ℃ ~ +90 ℃ ● Feature : Load standardized device and integrated box.
FUSE & RELAY BOX ASSY - ENG ROOM 	JB520249	● Engine Room F&R Box (Conventional Type) ● Rated Voltage : DC 12V ● Temperature Range : -30 ℃ ~ +90 ℃ ● Feature : Apply smaller and lighter structure design.
FUSE & RELAY BOX ASSY - ENG ROOM 	MG641870	● Engine Room F&R Box (Conventional Type) ● Rated Voltage : DC 12V ● Temperature Range : -30 ℃ ~ +90 ℃ ● Feature : Apply smaller and lighter structure design.
FUSE & RELAY BOX ASSY(DSL) - ENG ROOM 	MG643193	● Engine Room F&R Box (Conventional Type) ● Rated Voltage : DC 12V ● Temperature Range : -30 ℃ ~ +90 ℃ ● Feature : Apply smaller and lighter structure design.
FUSE & RELAY BOX ASSY - ENG ROOM 	JB520452	● Engine Room F&R Box (Conventional Type) ● Rated Voltage : DC 12V ● Temperature Range : -40 ℃ ~ +80 ℃ ● Feature : Apply smaller and lighter structure design.

BOX

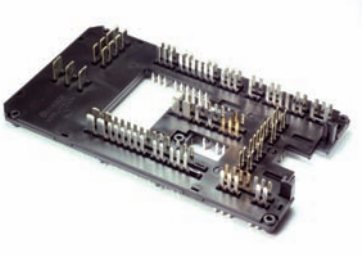


PCB TYPE

- Guarantee durability in any environment conditions.
- Easy to assemble box by applying minimal I/O connectors .
- By optimally distributed PCB or MC(metal Core) PCB, low cost design realized

Part Name & Picture	Part No.	Descriptions & Specification
IPDM ASSY - ENG ROOM 	JB520001	● Engine Room Junction Box (PCB & Bus-Bar Type) ● Rated Voltage : DC 12V ● Temperature Range : -30 ℃ ~ +90 ℃ ● Feature : Apply Separating Control board to avoid interfering heat.
METAL CORE PCB BLOCK ASSY - ENG ROOM 	JB520184	● Engine Room Junction Block (Metal Core PCB Type) ● Rated Voltage : DC 12V ● Temperature Range : -30 ℃ ~ +90 ℃ ● Feature : High integrated package by miniaturized device
EMS BOX ASSY - ENG ROOM 	JB520125	● Engine Room Junction Block (PCB Type) ● Rated Voltage : DC 12V ● Temperature Range : -30 ℃ ~ +90 ℃ ● Feature : Apply smaller and lighter package design.

TERMINAL SUB ASSEMBLY

Part Name & Picture	Part No.	Descriptions & Specification
TERMINAL - PLATE ASSY 	JB520034	● Inner Panel Junction Box (PCB & Bus-Bar) ● Rated Voltage : DC 12V ● Temperature Range : -30 ℃ ~ +60 ℃ ● Feature : Sub-Ass' y production including terminals by method Z-bending. Assembly terminals on the PCB at a time. Improve soldering method for convenience.

BOX

BUS-BAR TYPE

- Ensure high reliability by applying Bus-Bar Type Junction Box
- Waterproofing and drainage structure.
- Integration Type of J/Box & FAM (Front Area Module)

Part Name & Picture	Part No.	Descriptions & Specification
JUNCTION BOX ASSY -ENG ROOM 	JB520014	● Engine Room Junction Box (Bus-Bar) ● Rated Voltage : DC 12V ● Temperature Range : -30 ℃ ~ +90 ℃ ● Feature : Apply Top-down bolting type to prevent over torque during I/O Connector Assembly.

BUS-BAR & WIRE TYPE

- Apply smaller and lighter structure package design.
- Easy to assemble box by applying minimal I/O connectors .
- Load standardized device and realize integrated box

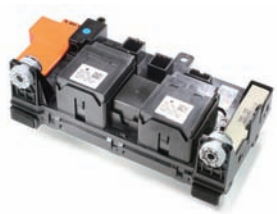
Part Name & Picture	Part No.	Descriptions & Specification
JUNCTION BOX ASSY(LH) -INNER PANEL 	JB520015	● Inner Panel Junction Box (Bus-Bar & Wire) ● Rated Voltage : DC 12V ● Temperature Range : -30 ℃ ~ +60 ℃ ● Feature : Apply Bus-Bar and Wire for flexible circuit design.
JUNCTION BOX ASSY(RH) -INNER PANEL 	JB520016	● Inner Panel Junction Box (Bus-Bar & Wire) ● Rated Voltage : DC 12V ● Temperature Range : -30 ℃ ~ +60 ℃ ● Feature : Apply Bus-Bar and Wire for flexible circuit design.

PRA



CONVENTIONAL TYPE

- Guarantee durability in any environment conditions.
- Apply smaller and lighter structure design.
- Mount standardized device and realize integrated box.

Part Name & Picture	Part No.	Descriptions & Specification
PRA ASSY 	JB520161	● Current Rating: 80A ● Voltage Rating : DC 450V ● Temperature Range : -35℃ ~ +75℃ ● Pre-Charge Circuit : Include 10A
PRA ASSY 	JB520319	● Current Rating: 80A ● Voltage Rating : DC 450V ● Temperature Range : -35℃ ~ +75℃ ● Pre-Charge Circuit : Include 10A
PRA ASSY 	JB520382	● Current Rating: 100A ● Voltage Rating : DC 450V ● Temperature Range : -35℃ ~ +75℃ ● Pre-Charge Circuit : Include 10A
PRA ASSY 	JB520315	● Current Rating: 200A ● Voltage Rating : DC 450V ● Temperature Range : -35℃ ~ +75℃ ● Pre-Charge Circuit : Include 10A
PRA ASSY 	JB520407	● Current Rating: 80A ● Voltage Rating : DC 450V ● Temperature Range : -35℃ ~ +75℃ ● Pre-Charge Circuit : Include 10A
PRA ASSY 	JB520441	● Current Rating: 150A ● Voltage Rating : DC 450V ● Temperature Range : -40℃ ~ +75℃ ● Pre-Charge Circuit : Include 10A
PRA ASSY 	JB520445	● Current Rating: 150A ● Voltage Rating : DC 450V ● Temperature Range : -40℃ ~ +85℃ ● Pre-Charge Circuit : Include 10A

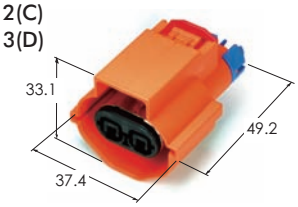
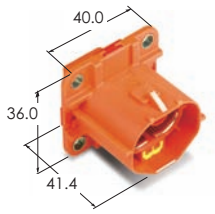
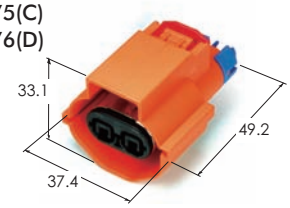
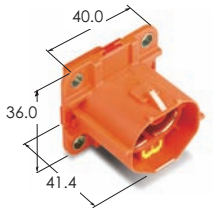
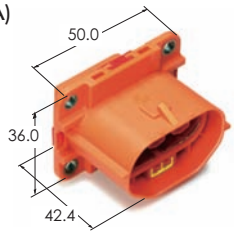
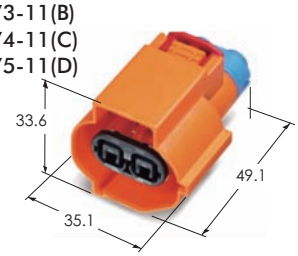
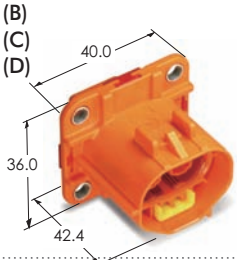
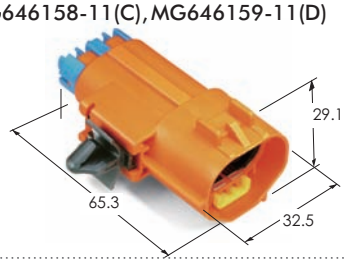
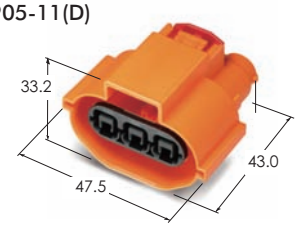
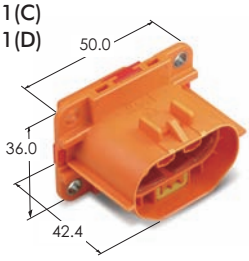
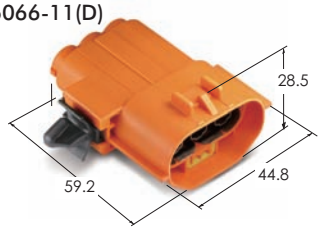
HIGH VOLTAGE PRODUCT

HIGH VOLTAGE CONNECTOR-HVSC 280

MATERIAL	Current Rating	Up to 20A
	Voltage Rating	DC 650V
	Waterproof	IP67, IP69K
	Temperature Range	-40℃ ~ +120℃
	Applicable Terminal	HV :280(110) Terminal HVIL:064 & 040III & 040 WP Terminal
	Wire Range	2.5SQ / 3SQ, Shield Wire

- HV Connector is suitable for xEV's HVAC systems A/Comp, PTC, Coolant and etc,
- Inter-Lock is included for safety.
- EMC shield is included



Poles	female Connector	Male Connector	Male W to W Connector
2 IP1XA applied	MG655710(A) MG655711(B) MG655712(C) MG655713(D) 	MG645705(A) MG645706(B) MG645707(C) MG645513(D) 	MG645729(A) MG645730(B) MG645731(C) MG645732(D) 
2 IP2XB applied	MG655773(A) MG655774(B) MG655775(C) MG655776(D) 	MG645814(A) MG645815(B) MG645816(C) MG645817(D) 	
3 IP1XA applied	MG655661(A) 	MG645708(A) 	
2 IP2XB UL94-V0 applied	MG656972-11(A) MG656973-11(B) MG656974-11(C) MG656975-11(D) 	MG646152-11(A) MG646153-11(B) MG646154-11(C) MG646155-11(D) 	MG646156-11(A), MG646157-11(B) MG646158-11(C), MG646159-11(D) 
3 IP2XB applied	MG656903-11(B) MG656904-11(C) MG656905-11(D) 	MG646107-11(B) MG646108-11(C) MG646109-11(D) 	MG646064-11(B) MG646065-11(C) MG646066-11(D) 

HIGH VOLTAGE PRODUCT

HIGH VOLTAGE CONNECTOR-HVSC 280

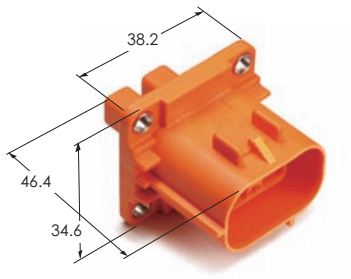
MATERIAL	Current Rating	Up to 40A
	Voltage Rating	DC 1,000V
	Waterproof	IP67, IP69K
	Temperature Range	-40℃ ~ +120℃
	Applicable Terminal	HV : 280(N110) Terminal HVIL: N150 Terminal
	Wire Range	4SQ Shield Wire

▶HV Connector is suitable for xEV's HVAC systems A/Comp, PTC, Coolant and etc,
▶Inter-Lock is included for safety.
▶EMC shield is included

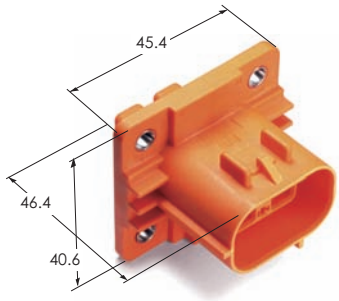


Poles	female Connector	Male Connector
Small Panel 2 IP2XB UL94-V0 applied	MG656989-11(A) MG656990-11(B) MG656991-11(C) MG656992-11(D) MG656993-11(E) MG656994-11(F)	MG646169-11(A) MG646170-11(B) MG646171-11(C) MG646172-11(D) MG646173-11(E) MG646174-11(F)
Big Panel 2 IP2XB UL94-V0 applied	MG656989-11(A) MG656990-11(B) MG656991-11(C) MG656992-11(D) MG656993-11(E) MG656994-11(F)	MG646200-11(G) MG646201-11(H) MG646202-11(I) MG646203-11(J) MG646204-11(K) MG646205-11(L)









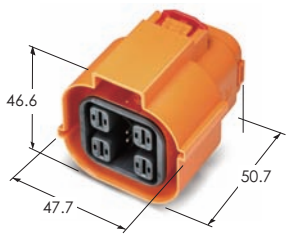
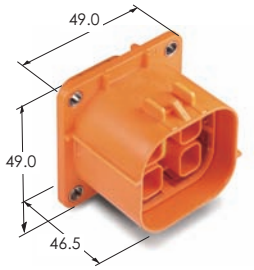
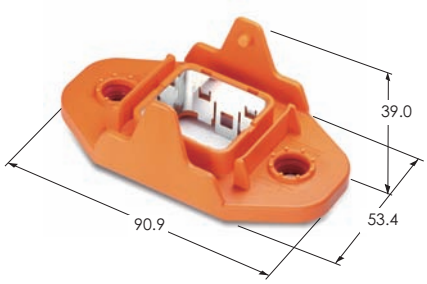
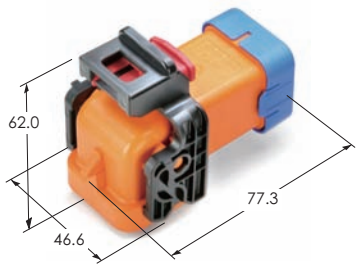
HIGH VOLTAGE PRODUCT

HIGH VOLTAGE CONNECTOR-HVSC 630

MATERIAL	Current Rating	Up to 40A
	Voltage Rating	DC 1,000V
	Waterproof	IP67, IP69K
	Temperature Range	-40℃ ~ +120℃
	Applicable Terminal	HV : 630(N250) Terminal HVIL:N150 & 040WP Terminal
	Wire Range	3SQ / 5SQ Shield Wire

- HV Connector is suitable for xEV's HVAC systems A/Comp, PTC, Coolant and etc,
- Inter-Lock is included for safety.
- EMC shield is included



Poles	female Connector	Male Connector
4 **IP2XB** applied	MG 656936-11(A) MG 656937-11(B) MG 656938-11(C) 	MG 646110-11(A) MG 646111-11(B) MG 646112-11(C) 
4 **IP2XB** applied	MG 656883(Only 3SQ) 	MG 646029(Only 3SQ) 

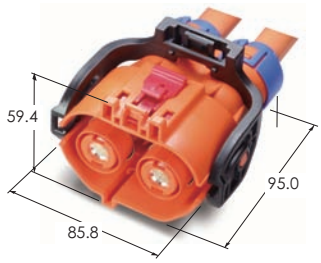
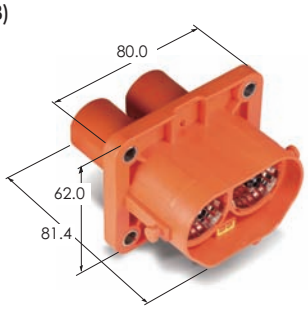
HIGH VOLTAGE PRODUCT

HIGH VOLTAGE CONNECTOR

MATERIAL	Current Rating	Up to 200A
	Voltage Rating	DC 650V
	Waterproof	IP67, IP69K
	Temperature Range	-40℃ ~ +120℃
	Applicable Terminal	HV : Ø9 Terminal HVIL : 040WP Terminal
	Wire Range	40SQ, Shield Wire

- Connect Battery and Inverter to supply high voltage to Inverter
- Inter-Lock is included for safety.
- EMC shield is included



Poles	female Connector	Male Connector
2	MG 655717-11(A) MG 655718-11(B) 	MG 645748-11(A) MG 645759-11(B) 

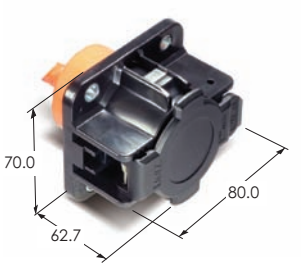
HIGH VOLTAGE PRODUCT



- Proximity detection circuit of SAE J1772 is applied
- Comply with SAE J1772(rev. 2010)
- Validation testing procedure complies with SAE J1772

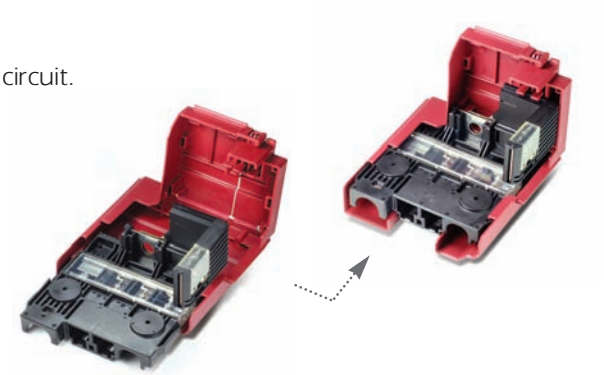
MATERIAL	
	1. Current and Voltage Rating - AC Level 1, 2 available - 265Vac Withstanding Voltage
	2. Proximity detection circuit is installed with pin 3 & 5
	3. IP Grade : IP 64 (finger protection and dust cap are applied in Inlet coupler)

CHARGE COUPLER

Poles	SAE Charge Plug Assy	SAE Charge Inlet Assy
	MG665453	MG655361
5		

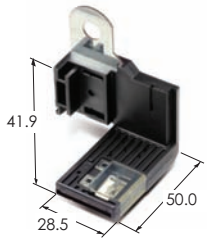
BFT(Battery Fuse Terminal)

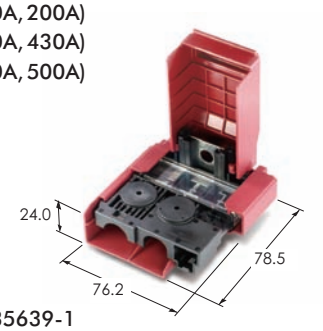
- Direct Connection to Battery of which method minimizes temperature rise under J/Box and protects J/B, ALT & STR circuit.
- Insert Molding production method improves mechanical strength and prevents secondary electrification due to vibration after passing melting point.

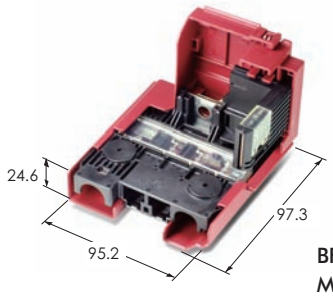


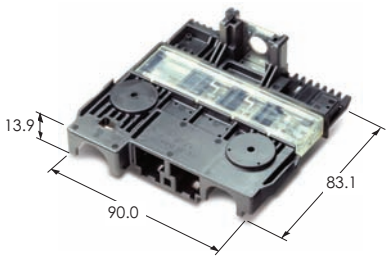
BFT(BATTERY FUSE TERMINAL)

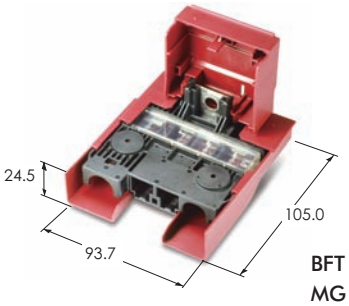
Poles	BFT	Poles	BFT
1	MG 665187 (80A) MG 665189 (100A)	3	MG 665622 (80A, 200A, 200A) MG 665626 (80A, 200A, 430A) MG 665813 (60A, 200A, 500A) BFT 3P CAP MG 635638-1/MG 635639-1
4	MG 665182 (150A, 80A, 80A, 400A) MG 665184 (150A, 80A, 80A, 430A) MG 665573 (150A, 100A, 80A, 200A)		BFT 4P+1P CAP MG 635224-1 BFT 4P CAP MG 635757-1
5	MG 665644 (40A, 40A, 80A, 200A, 430A) MG 665814 (40A, 40A, 60A, 200A, 430A) MG 665878 (40A, 40A, 80A, 200A, 500A) MG 665879 (40A, 40A, 60A, 200A, 500A) BFT 5P CAP MG 635692-1		

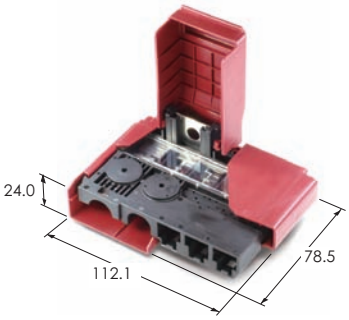








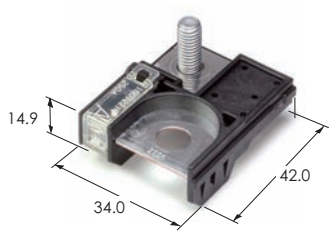
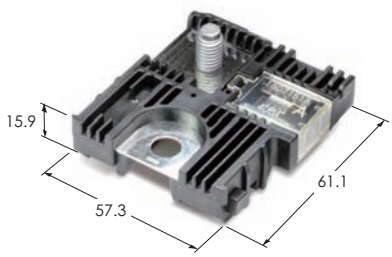
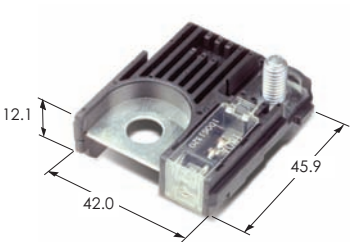
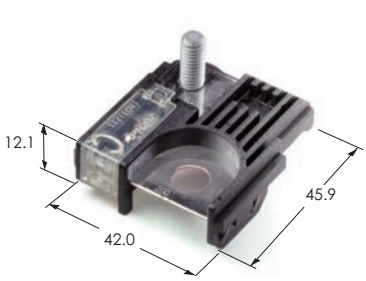
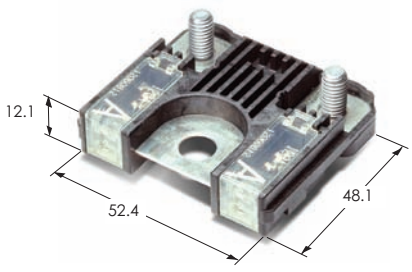




BFT(Battery Fuse Terminal)

- Direct Connection to Battery of which method minimizes temperature rise under J/Box and protects J/B, ALT & STR circuit.
- Insert Molding production method improves mechanical strength and prevents secondary electrification due to vibration after passing melting point.

BFT(BATTERY FUSE TERMINAL)

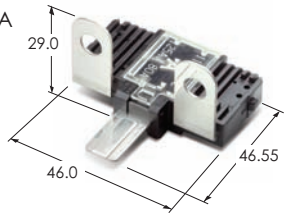
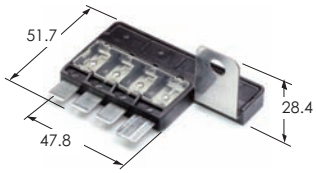
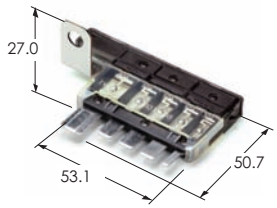
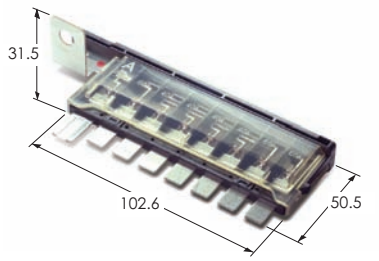
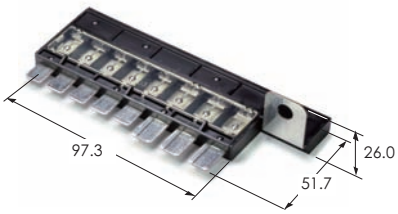
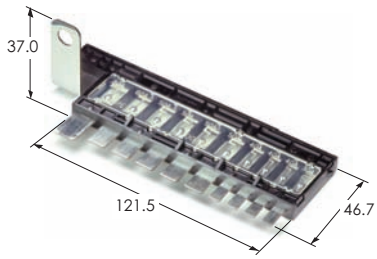
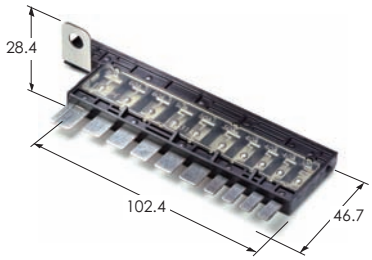
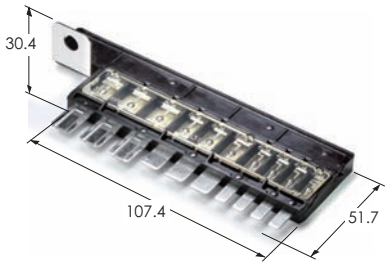
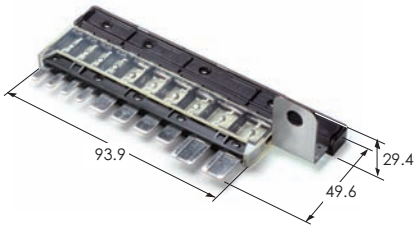
Poles	BFT	
1	MG 665823 (250A) MG 665846 (180A) 	MG 665807 (400A) MG 665815 (180A) 
	MG 664457 (150A) MG 664458(180A) MG 665636 (200A) 	MG 665781 (180A) MG 665639 (200A) 
2	MG 664136 (120A, 120A) MG 665001 (150A, 150A) MG 665284 (150A, 180A) MG 665635 (150A, 200A) 	

MULTI FUSE

- Reserving layout space within Box and reduce assembly cost.
- Stabilized melting point for high current fuse type.

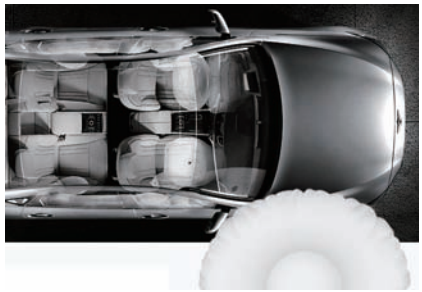


MULTI FUSE

Poles	MULTI FUSE
2	**MG665216** : 80A, 125A **MG665218** : 80A, 150A **MG665611** : 50A, 125A **MG665790** : 80A, 180A 
4	**MG665655**: 80A, 50A, 50A, 50A 
5	**MG665868**: 80A, 50A, 50A, 50A, 30A 
8	**MG664454**:80A, 60A, 40A, 40A, 40A, 40A, 60A, 60A **MG664869**:80A, 60A, 40A, 40A, 40A, 40A, 40A, 60A **MG665222**:80A, 60A, 40A, 60A, 40A, 40A, 60A, 60A 
	MG665637:100A, 80A, 80A, 60A, 60A, 60A, 60A, 50A 
10	**MG665614** : 80A, 60A, 50A, 50A,50A,50A,40A, 40A, 40A, 30A 
	MG665615 : 100A, 60A, 60A, 50A,50A,50A,40A, 40A, 40A, 30A **MG665633** : 80A, 60A, 60A, 50A,50A,50A,40A, 40A, 40A, 30A 
	MG665654 : 100A ,80A, 80A, 60A, 60A, 50A, 40A, 40A, 40A, 30A 
	MG665866 : 100A, 80A, 60A, 50A,50A,50A,40A, 40A, 40A, 40A, 40A **MG665870** : 80A, 80A, 60A, 50A,50A,50A,40A, 40A, 40A, 40A 

SENSOR

- High strength, small size and low cost.
- Applied waterproof / heat-resistant material
- Digital(PSI5), Analog(Voltage) output



SENSOR

	Part Name & Picture	Part No.	Descriptions & Specification
SIS		EM450008	
	 	EM450018 EM450046	● Airbag sensor (Accelerometer type) ● FIS : Front Impact Sensor / Mounted in front of the vehicle ● SIS : Side Impact Sensor / Mounted on the side of the vehicle(B-pillar, C-pillar) ● Applied PSI5 communication interface ● Applied Press-fit Terminal→ Unnecessary soldering process ● Installable in the engine room→ Waterproof and heat-resistant material ● High strength, small size and low cost /Simple structure and circuit constitution/ High-strength casing
FIS		EM450007	
	 	EM450017 EM450045	
PSIS		EM450101	● Airbag sensor [Pressure sensor type] ● PSIS : Pressure Side Impact Sensor. / Mounted in front door of the vehicle ● Applied PSI5 communication interface ● Applied Press-fit Terminal→ Unnecessary soldering process ● Waterproof and heat-resistant material ● High strength, small size and low cost / Simple structure and circuit constitution/ High-strength casing ● Applied venturi type intake/Increased sensor response

AUTOMOTIVE PRODUCTS

(ANTENNA /AVN LCD MONITOR & LCD CLUSTER /
A.V.N SYSTEM / LED LAMP)

295~317page

AUTOMOTIVE PRODUCTS



ANTENNA

GPS,DAB,DMB, Satellite Radio etc





KR32001-**



KR15001-SMD



KR31002-**



KR22001-**



KR15001-DIP



KR25101-0C

AVN LCD Monitor & LCD Cluster





KD45A-000-04



KD40A-200-04



KD42A-000-04



KD41A-000-04



KD40D-200-04



KD43A-000-04

A.V.N SYSTEM

Audio, Video, Navigation System





MG656914



MG656915



MG646083



MG646084



MG644508



MG644504



MG655652

LED LAMP





K500024-02



K500027-06



MG646006



MG646009



K100232-00



K100235-00



MG615612



MG615618

FLOATING B TO B CONNECTOR

0.8mm Pitch SMT Type B to B Connectors



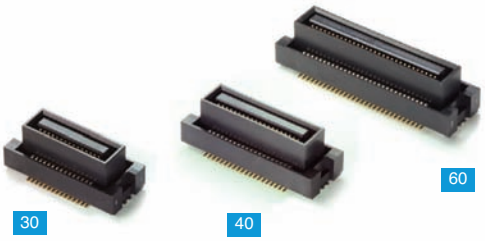
FEATURES

1. Floating type board to board connector with 0.8mm Pitches, Designed for use in car AVN system
2. The receptacle connector is a two-piece structure that can absorb any vibration generated when a connector is integrated into a printed circuit board.

SPECIFICATIONS

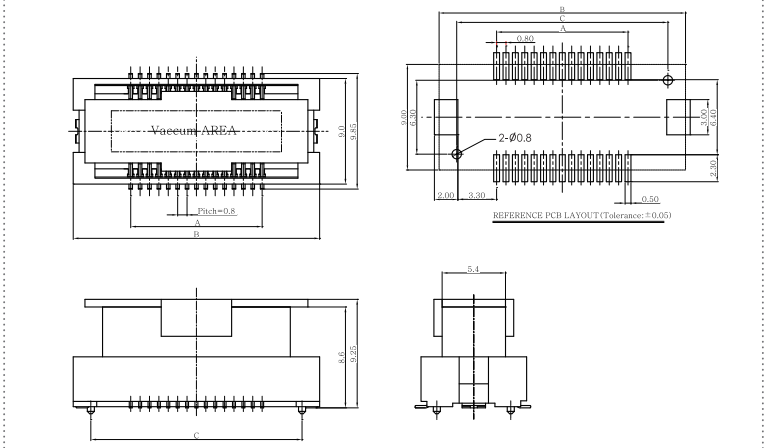
ITEM	SPECIFICATIONS
No. of Positions	30 / 40 / 50 / 60
Pitch	0.8mm
Rated Current	0.5A
Rated Voltage	AC / DC 50V
Withstanding Voltage	AC 500Vram/min

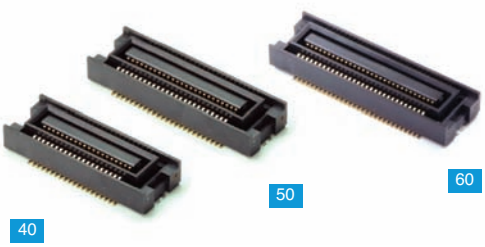
LIST OF MATERIALS	
Insulator	Nylon
Cover	Nylon
Terminal	Copper Alloy
Metal Fitting	Copper Alloy
Plating	Terminal : Au over Ni
	Metal Fitting : Sn



B TO B RECEPTACLE H8.6

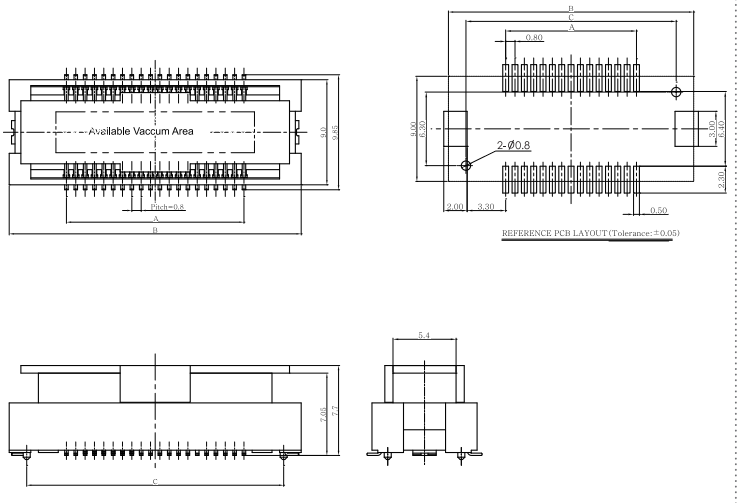
Part No	Pin No	A	B	C
MG644504	30	11.2	21.0	18.0
MG644760	40	15.2	25.0	22.0
MG644508	60	23.2	33.0	30.0
MG646209 (Capless)	60	23.2	33.0	30.0





B TO B RECEPTACLE H4.95

Part No	Pin No	A	B	C
MG644826	40	15.2	25.0	22.0
MG645335	50	19.2	29.0	26.0
MG645047	60	23.2	33.0	30.0

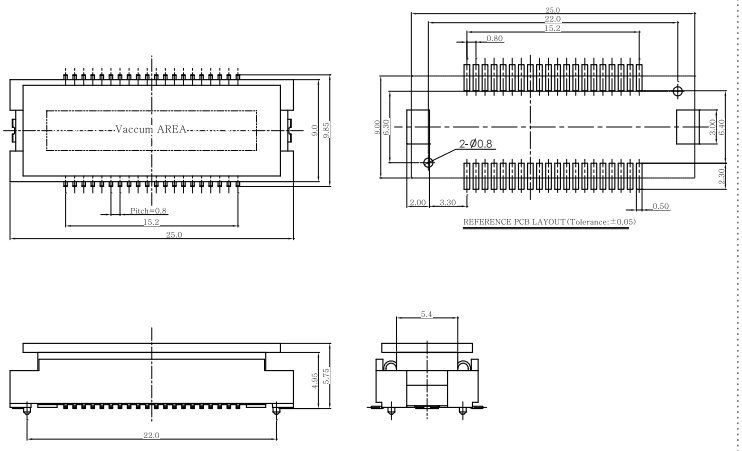


FLOATING B TO B CONNECTOR

MG644506



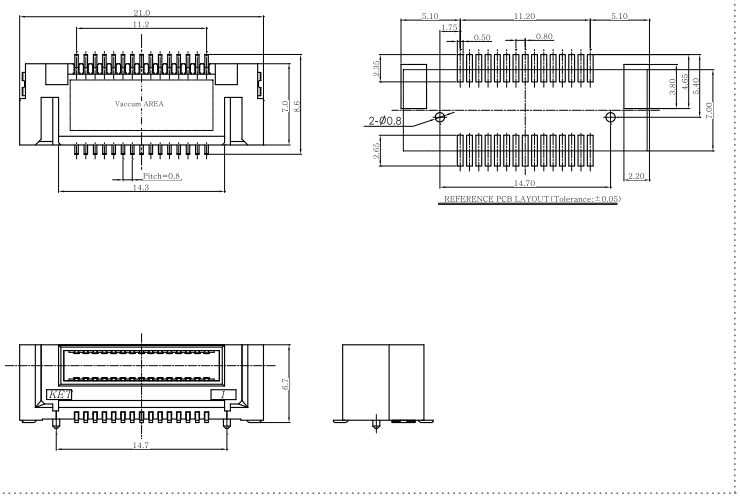
B TO B RECEPTACLE 40P H7.05

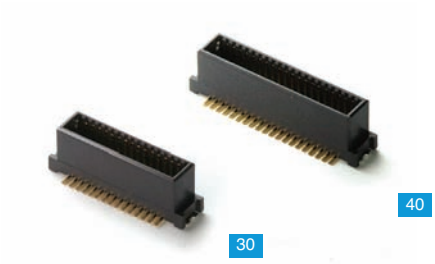


MG654505



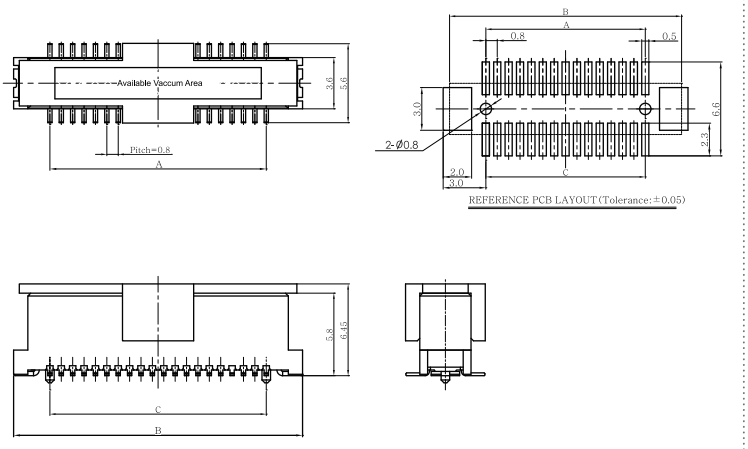
B TO B PLUG R/A 30P H6.7



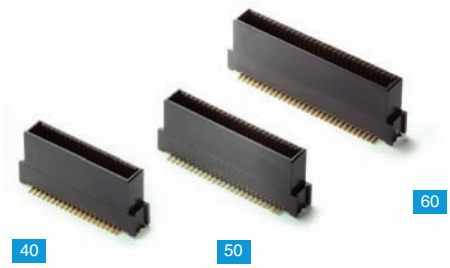


B TO B PLUG H5.8

Part No	Pin No	A	B	C
MG655179	30	11.2	16.3	11.2
MG654507	40	15.2	20.3	15.2

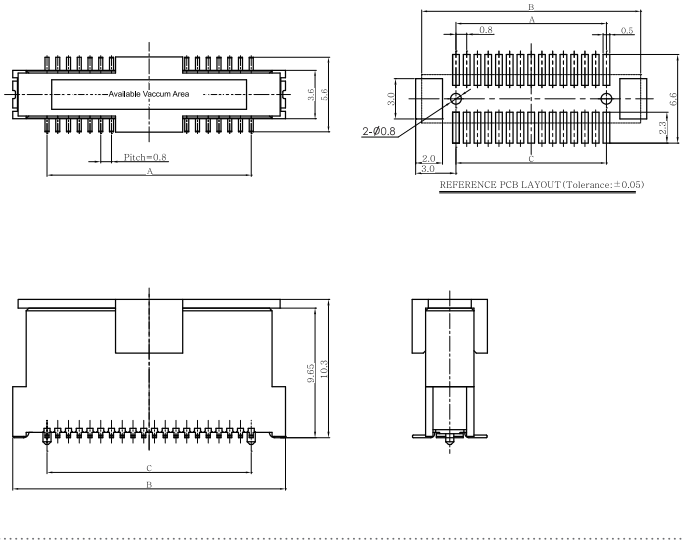


FLOATING B TO B CONNECTOR



B TO B PLUG H9.65

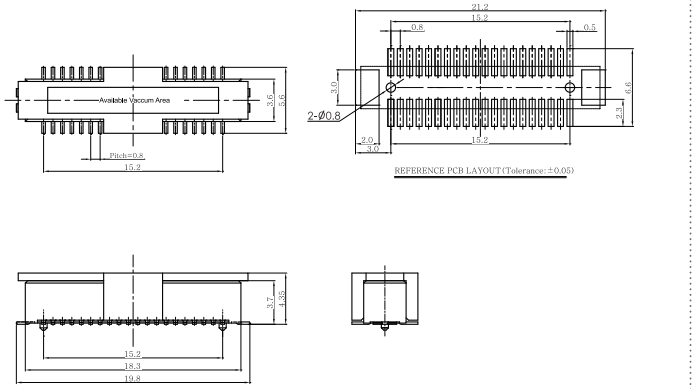
Part No	Pin No	A	B	C
MG654829	40	15.2	20.3	15.2
MG655338	50	19.2	24.3	19.2
MG655652	60	23.2	28.3	23.2

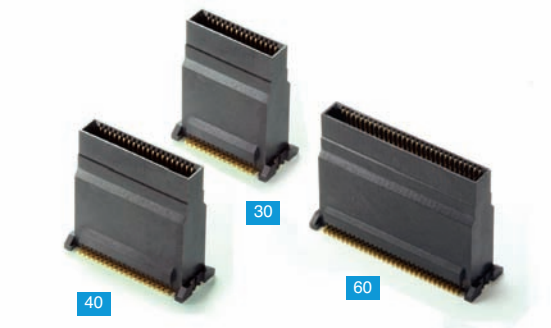


MG655654



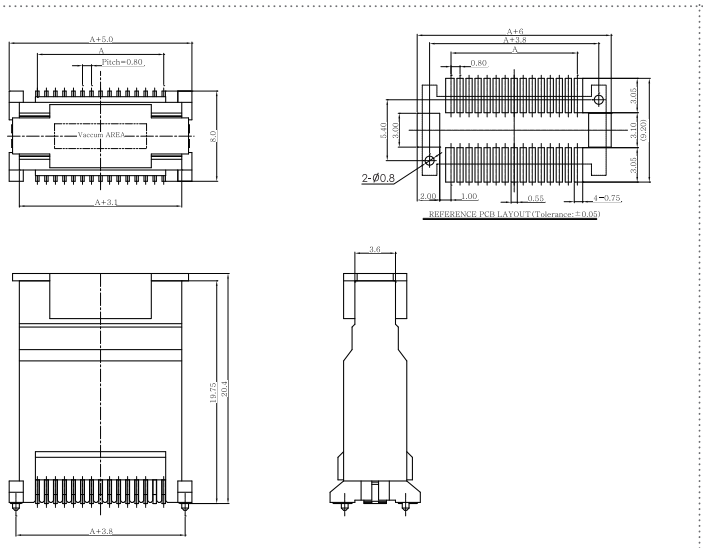
B TO B PLUG 40P H3.7





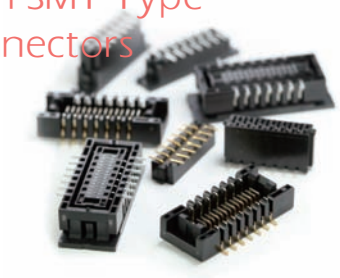
B TO B PLUG H19.75

Part No	Pin No	A	B	C
MG656815	30	-	-	-
MG654820	40	15.2	-	-
MG654509	60	23.2	-	-
MG657021 (Capless)	60	23.2	-	-



FLOATING B TO B CONNECTOR

1.0mm Pitch SMT Type B to B Connectors



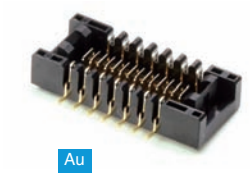
LIST OF MATERIALS	
Insulator/Cover	Nylon
Terminal	Copper Alloy
Metal Fitting	Copper Alloy
Plating	Terminal : Au or Sn over Ni
	Metal Fitting : Sn

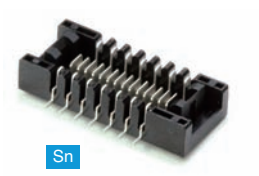
FEATURES

1. Floating type board to board connector with 1.0mm Pitches, Designed for use in car AVN system
2. The receptacle connector is a two-piece structure that can absorb any vibration generated when a connector is integrated into a printed circuit board.

SPECIFICATIONS

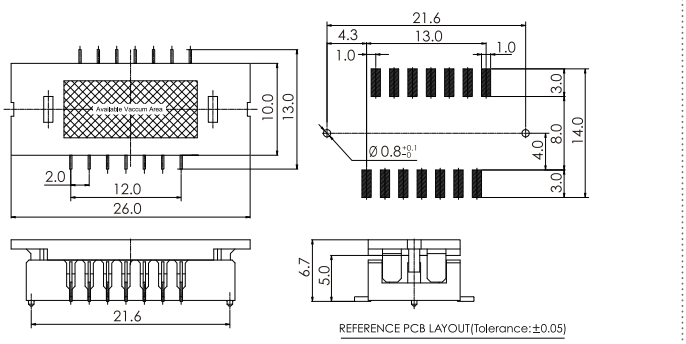
ITEM	SPECIFICATIONS
No. of Positions	12
Pitch	1.0mm
Rated Current	0.5A
Rated Voltage	AC / DC 50V
Withstanding Voltage	AC 500Vram/min

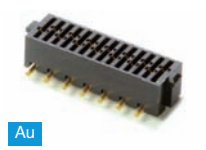


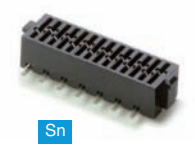


B TO B PLUG H5.0

Part No	Plating	Part No	Plating
MG645771	Au	MG645778	Sn

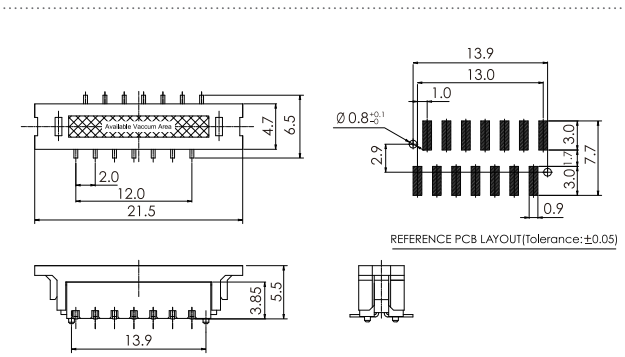






B TO B RECEPTACLE H3.85

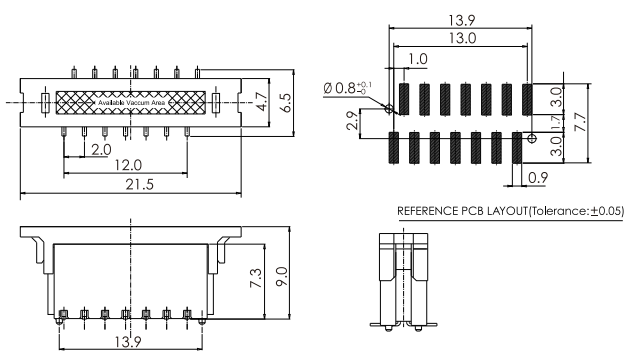
Part No	Plating	Part No	Plating
MG645772	Au	MG655732	Sn





B TO B RECEPTACLE H7.3

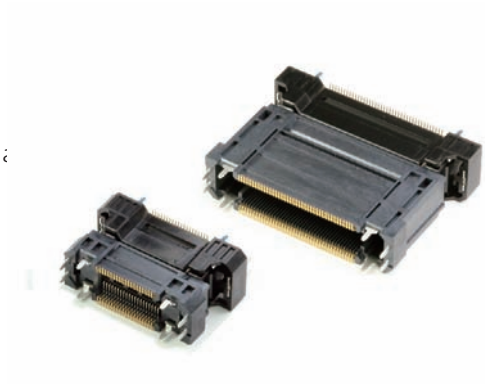
Part No	Plating
MG655826	Sn



HIGH SPEED FLOATING B TO B CONNECTOR

FEATURES

1. ±0.6mm Max. floating in XY directions
2. High speed transmission up to 6Gbps
3. Power contact rated up to 3.0 Amps/Pin
4. Signal contact rated up to 0.5 Amps/Pin
5. Vertical connection and parallel connection 15mm, 25mm PCB distance a
6. Excellent mating alignment with large guide posts
7. RoHS compliant



SPECIFICATIONS

PARAMETER		REQUIREMENT	
Impedance	Plug -Receptacle	100±15Ω	
	Receptacle-Plug		
TDR rise time		70ps	
Insertion Loss		IL ≥ -6dB	f<4.5GHz
Crosstalk	Near-end	CT ≤ -26dB	f<4.5GHz
	Far-end		
Eye Diagram		0.325V-VTXS	
		TJ<78.333 PS	

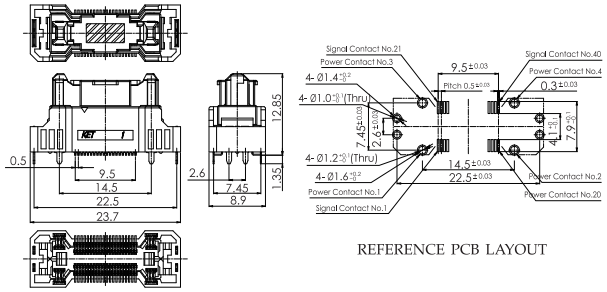
SERIES(WAFER, PCB CONNECTOR)

0.5mm B TO B 40P PLUG

MG656914-5



HOUSING
-NYLON
SIGNAL TERMINAL
-Copper Alloy : Au over Ni
POWERL TERMINAL
-Copper Alloy : Au/Sn over Ni
Metal Fitting
-Copper Alloy : Sn over Ni



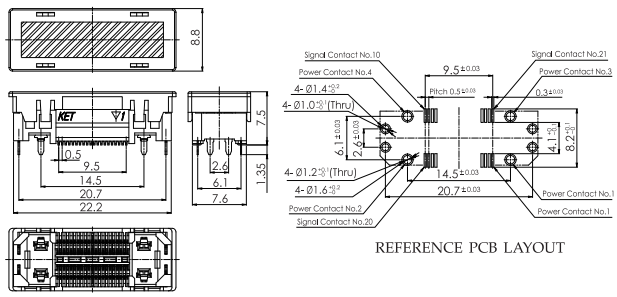
REFERENCE PCB LAYOUT

0.5mm B to B 40P RECEPTACLE

MG646083-5



HOUSING
-LCP
SIGNAL TERMINAL
-Copper Alloy : Au over Ni
POWERL TERMINAL
-Copper Alloy : Au/Sn over Ni
Metal Fitting
-Copper Alloy : Sn over Ni



REFERENCE PCB LAYOUT

HIGH SPEED FLOATING B TO B CONNECTOR

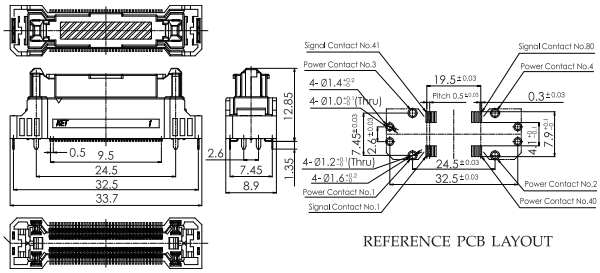
SERIES(WAFER, PCB CONNECTOR)

0.5mm B TO B 80P PLUG

MG656915-5



HOUSING
-NYLON
SIGNAL TERMINAL
-Copper Alloy : Au over Ni
POWERL TERMINAL
-Copper Alloy : Au/Sn over Ni
Metal Fitting
-Copper Alloy : Sn over Ni



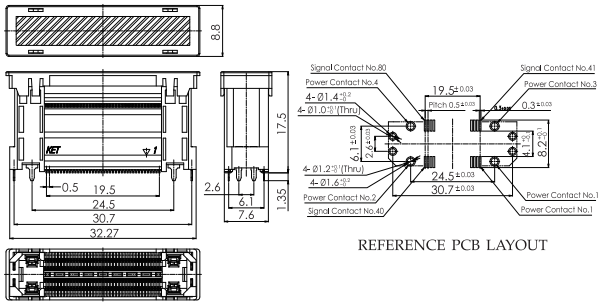
REFERENCE PCB LAYOUT

0.5mm B to B 80P RECEPTACLE

MG646084-5



HOUSING
-LCP
SIGNAL TERMINAL
-Copper Alloy : Au over Ni
POWERL TERMINAL
-Copper Alloy : Au/Sn over Ni
Metal Fitting
-Copper Alloy : Sn over Ni



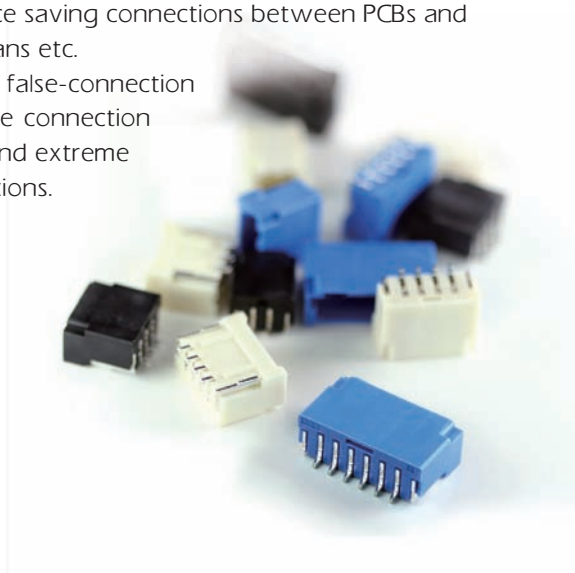
REFERENCE PCB LAYOUT

WIRE TO BOARD CONNECTOR

2.0mm Pitch SMT Type
Wire to Board Connectors

FEATURES

1. The 2.0mm single row cable connector system is ideally suited for high reliable and space saving connections between PCBs and LED lamps, motors, fans etc.
2. Designed to prevent false-connection and to maintain stable connection under car vibration and extreme environmental conditions.





SPECIFICATIONS

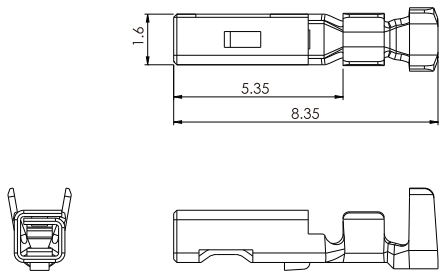
ITEM	SPECIFICATIONS
Voltage Rating	250V AC/DC
Current Rating	3A AC/ DC (2 circuits/ AVSS 0.3SQ)
Operating Temperature	-40℃ ~ +125℃
Contact Resistance	30mΩ Max
Applicable Wire	0.3 SQ

K200294-20(Sn)/ST741356-G(Au)



2.0 W TO B PLUG TERMINAL

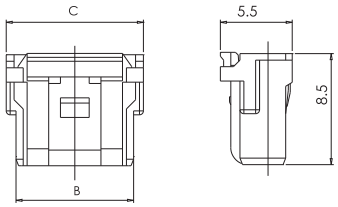
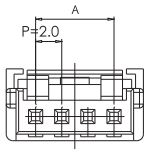
LIST OF MATERIALS	
Insulator	Nylon
Terminal	Copper Alloy
Metal Fitting	Copper Alloy
Plating	Terminal : Pre-Tin / Au
	Metal Fitting : Sn



KET ENGINEERED

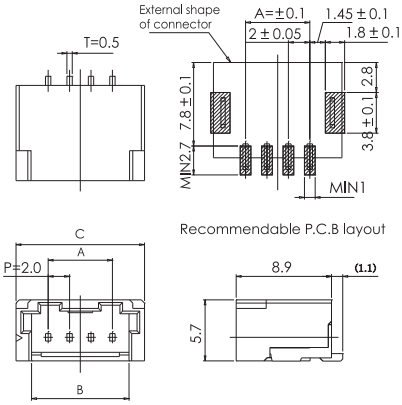
WIRE TO BOARD CONNECTOR

2.0 W TO B PLUG HOUSING

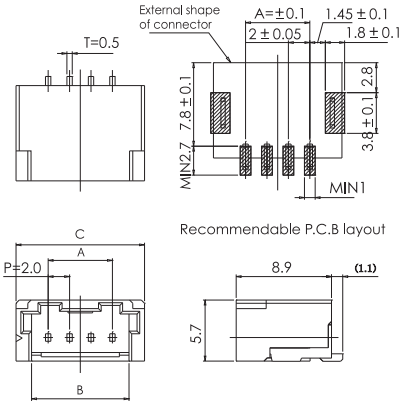
Circuits	Apperrance	Part No	Size			Color	Dimension
			A	B	C		
2		K100232-00	2.0	5.0	6.5	Natural	
		K100232-20				Blue	
		K100232-30				Yellow	
		K100232-50				Black	
3		K100233-00	4.0	7.0	8.5	Natural	
		K100233-20				Blue	
		K100233-30				Yellow	
		K100233-50				Black	
4		K100234-00	6.0	9.0	10.5	Natural	
		K100234-20				Blue	
		K100234-30				Yellow	
		K100234-50				Black	
6		K100235-00	10.0	13.0	14.5	Natural	
		K100235-20				Blue	
		K100235-30				Yellow	
		K100235-50				Black	

WIRE TO BOARD CONNECTOR

2.0 W TO B WAFER ASSEMBLY HORISONTAL(Sn)

Circuits	Apperrance	Part No	Size			Color	Dimension
			A	B	C		
2		K500024-02	2.0	5.1	8.0	Natural	
		K500024-2				Blue	
		K500024-3				Yellow	
		K500024-5				Black	
3		K500025-03	4.0	7.1	10.0	Natural	
		K500025-2				Blue	
		K500025-3				Yellow	
		K500025-5				Black	
4		K500026-04	6.0	9.1	12.0	Natural	
		K500026-2				Blue	
		K500026-3				Yellow	
		K500026-5				Black	
6		K500027-06	10.0	13.1	16.0	Natural	
		K500027-2				Blue	
		K500027-3				Yellow	
		K500027-5				Black	

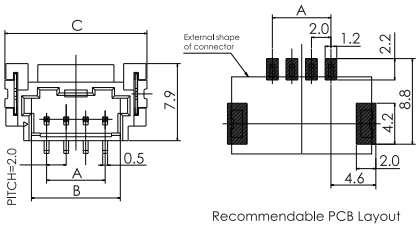
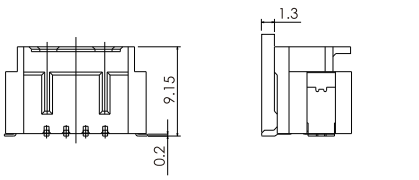
2.0 W TO B WAFER ASSEMBLY HORISONTAL(Au)

Circuits	Apperrance	Part No	Size			Color	Dimension
			A	B	C		
2		MG645959	2.0	5.1	8.0	Natural	
		MG645959-2				Blue	
		MG645959-3				Yellow	
		MG645959-5				Black	
3		MG645960	4.0	7.1	10.0	Natural	
		MG645960-2				Blue	
		MG645960-3				Yellow	
		MG645960-5				Black	
4		MG645899	6.0	9.1	12.0	Natural	
		MG645899-2				Blue	
		MG645899-3				Yellow	
		MG645899-5				Black	
6		MG645961	10.0	13.1	16.0	Natural	
		MG645961-2				Blue	
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		MG645961-5				Black	

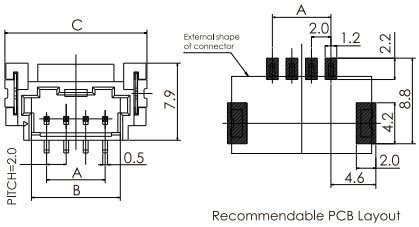
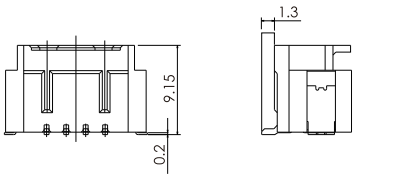
KET ENGINEERED

WIRE TO BOARD CONNECTOR

2.0 W TO B WAFER ASSEMBLY VERTICAL(Sn)

Circuits	Apperrance	Part No	Size			Color	Dimension
			A	B	C		
2		MG645929	2.0	5.1	10.55	Natural	
		MG645929-2				Blue	
		MG645929-3				Yellow	
		MG645929-5				Black	
3		MG645930	4.0	7.1	12.55	Natural	
		MG645930-2				Blue	
		MG645930-3				Yellow	
		MG645930-5				Black	
4		MG645935	6.0	9.1	14.55	Natural	
		MG645935-2				Blue	
		MG645935-3				Yellow	
		MG645935-5				Black	
6		MG645931	10.0	13.1	18.55	Natural	
		MG645931-2				Blue	
		MG645931-3				Yellow	
		MG645931-5				Black	

2.0 W TO B WAFER ASSEMBLY VERTICAL(Au)

Circuits	Apperrance	Part No	Size			Color	Dimension
			A	B	C		
2		MG646006	2.0	5.1	10.55	Natural	
		MG646006-2				Blue	
		MG646006-3				Yellow	
		MG646006-5				Black	
3		MG646007	4.0	7.1	12.55	Natural	
		MG646007-2				Blue	
		MG646007-3				Yellow	
		MG646007-5				Black	
4		MG646008	6.0	9.1	14.55	Natural	
		MG646008-2				Blue	
		MG646008-3				Yellow	
		MG646008-5				Black	
6		MG646009	10.0	13.1	18.55	Natural	
		MG646009-2				Blue	
		MG646009-3				Yellow	
		MG646009-5				Black	

2.5mm PCB DIRECT CONNECTOR

2.5mm Pitch
Wire to Board Connectors
(Non-SMT Type)

FEATURES

1. The 2.5mm single row cable connector system is ideally suited for high reliable and space saving connections between PCBs and LED lamps, motors, fans etc.
2. Designed to prevent false-connection and to maintain stable connection under car vibration and extreme environmental conditions.







SPECIFICATIONS

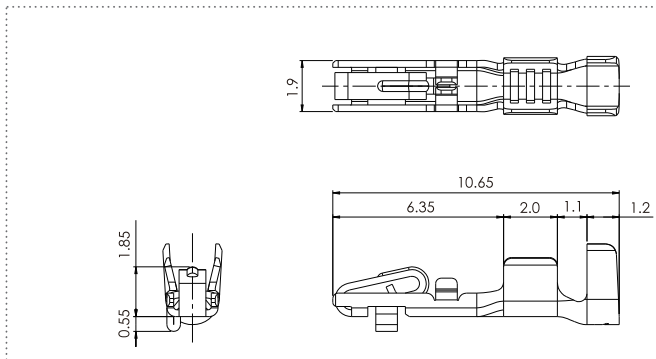
ITEM	SPECIFICATIONS
Voltage Rating	250V AC/DC
Current Rating	3A AC/ DC (2 circuits/ AVSS 0.3SQ)
Operating Temperature	-40℃ ~ +125℃
Contact Resistance	30mΩ Max
Applicable Wire	0.3~0.5 SQ

ST731455-3(Sn)/ST731455-G(Au)



2.5 W TO B PLUG TERMINAL

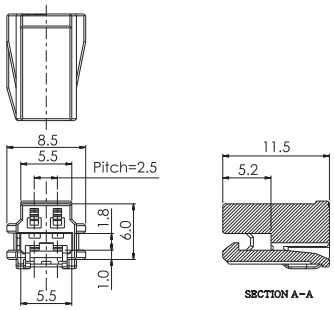
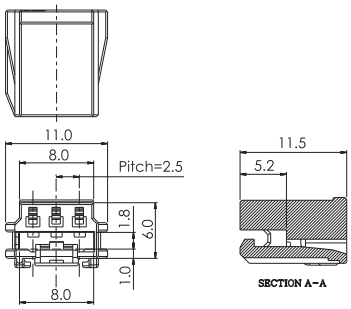
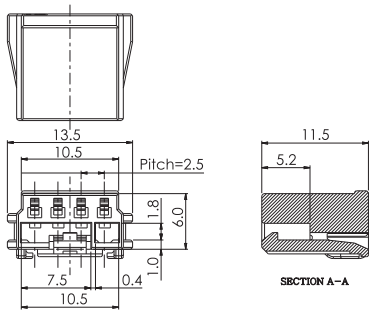
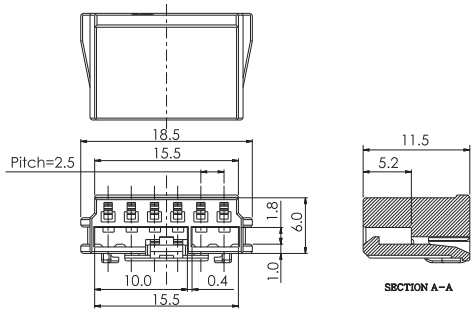
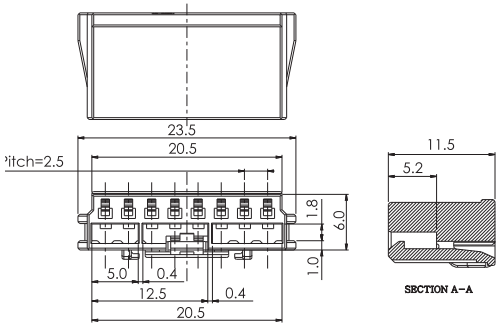
LIST OF MATERIALS	
Insulator	Nylon
Terminal	Copper Alloy
Metal Fitting	Copper Alloy
Plating	Terminal : Pre-Tin/Au
	Metal Fitting : Sn



KET ENGINEERED

2.5mm PCB DIRECT CONNECTOR

2.5mm PITCH W TO B

Circuits	Apperrance	Part No	Color	Dimension
2		MG615612	Black	
3		MG615613	Black	
4		MG615614	Black	
6		MG615616	Black	
8		MG615618	Black	

LVDS(Low Voltage Differential Signal)

LVDS Connector for Automotive System

FEATURES

1. The LVDS Connector is a Isochronous(real time), impedance controlled 100Ω interconnect system for transfer data at high bit rates : The high performance applications prevent interference through crosstalk and external sources. Performance is achieved by using an optimized shielding concept with complete braid connection to the outer contact of connector
2. The LVDS Connector interconnect system enables applications up to 3.2 Gbit/sec. -800Mbit/sec. on two differential pairs each at 10M length for example in automotive electronics {cameras, AVN connections or IEEE 1394 applications). One system high bandwidth infrastructure works for many applications that Multi-media stream for all applications and Lower cost and longer design life.
   The product consist of PCB connectors and 4-pole STQ cable assemblies.



SPECIFICATIONS

PARAMETER		REQUIREMENT
System impedance (ZPT)		100Ω
Mated connector and terminal impedance		ZPT±15Ω
Cable impedance		ZPT±6Ω
TDR rise time		160 ps
Propagation velocity within cable		Min. 66% Co
Propagation delay skew within a mated connector pair-straight		Max. 10ps/m
Cable propagation delay skew within a wire pair		160 ps
Total insertion loss budget	f < 250MHz	< 4.8 dB
	f < 400MHz	< 6.0 dB
	f < 500MHz	< 6.7 dB
	f < 500MHz	< 9.2 dB
	f < 1,000MHz	< 10.4dB
Variation of insertion loss in the temp: range -40℃ to +100℃		±0.05 dB/m (0~1GHz)
Return loss ; mated connector pair		Min. 20dB (0~1GHz)
Near end crosstalk ; mated connector pair		Max. 5%(differential TDT at 160 ps, 10~90% rise time) Max. -30dB(0~1GHz)
Far end crosstalk ; mated connector pair		Max. 5%(differential TDT at 160 ps, 10~90% rise time) Max. -30dB(0~1GHz)

MATERIAL

TYPE	LIST OF MATERIALS	
SOCKET 	INSULATOR	LCP
	HOUSING	NYLON
	OUTER CONTACT	Copper Alloy ; Sn
	INNER CONTACT	Copper Alloy ; Au over Ni
PLUG 	INSULATOR	NYLON
	HOUSING	PBT
	OUTER CONTACT	Brass ; Sn-Cu-Zn
	INNER CONTACT	Copper Alloy ; Au over Ni
INLINE 	INSULATOR	NYLON
	HOUSING	PBT
	OUTER CONTACT	Brass ; Sn-Cu-Zn
	INNER CONTACT	Copper Alloy ; Au over Ni

PART NUMBER SYSTEM (CONNECTOR)

K D 4 * * - 2 0 0 - 0 4

Series Code | Type | Coding | Pitch | Pin/ea.

Series Name	TYPE	Coding	Pitch	Pin No.
Series Code	0 : Socket 1 : Plug 2 : Inline (Female) 3 : Inline (Male) 4 : Right Angle 5 : Left Angle	Key Coding	2mm	4P

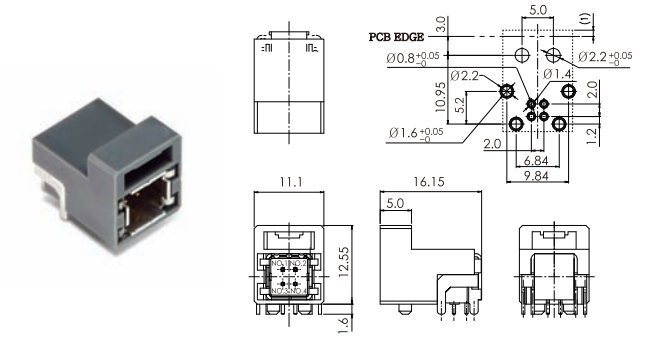
KET ENGINEERED

LVDS(Low Voltage Differential Signal)

LVDS Connector for Automotive System

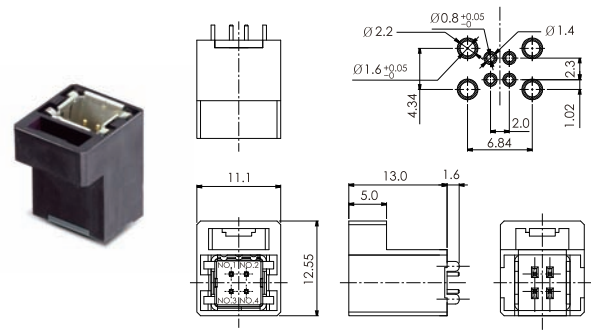
SERIES(SOCKET, PCB CONNECTOR)

SOCKET (PCB CONNECTOR)-HORIZONTAL



CODING			PART NAME & NO.
L		BLACK	SOCKET (H-L) KD40A-200-04
R		WHITE	SOCKET (H-R) KD40E-200-04
C		GRAY	SOCKET (H-C) KD40G-200-04

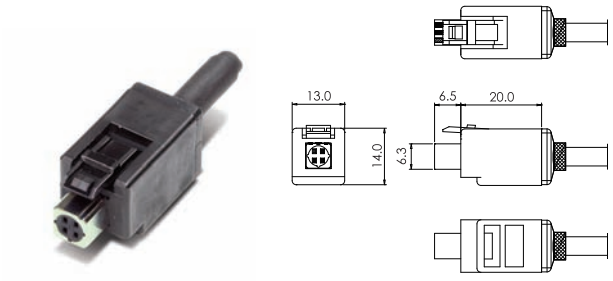
SOCKET (PCB CONNECTOR)-VERTICAL



CODING			PART NAME & NO.
L		BLACK	SOCKET (V-L) KD40D-200-04
R		WHITE	SOCKET (V-R) KD40F-200-04
C		GRAY	SOCKET (V-C) KD40H-200-04

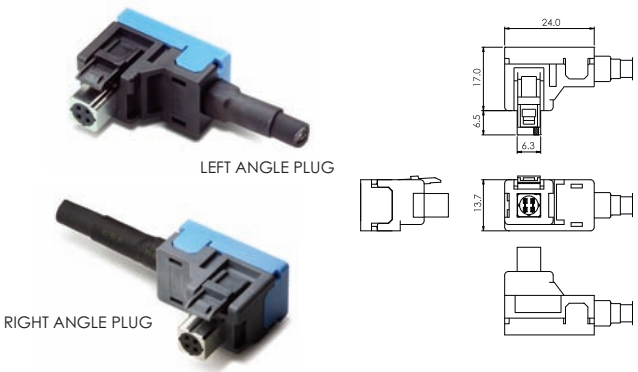
SERIES(PLUG)

PLUG (STRAIGHT = STANDARD)



CODING			PART NAME & NO.
L		BLACK	PLUG (L) KD41A-000-04
R		WHITE	PLUG (R) KD41E-000-04
C		GRAY	PLUG (C) KD41G-000-04

PLUG (ANGLE)



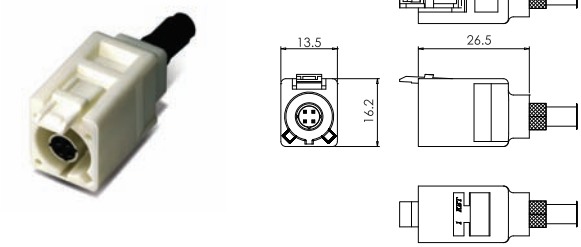
CODING			PART NAME & NO.
L		BLACK	LEFT ANGLE PLUG(L) KD45A-000-04
R		WHITE	LEFT ANGLE PLUG(R) KD45E-000-04
C		GRAY	LEFT ANGLE PLUG(C) KD45G-000-04
L		BLACK	RIGHT ANGLE PLUG(L) KD44A-000-04
R		WHITE	RIGHT ANGLE PLUG(R) KD44E-000-04
C		GRAY	RIGHTANGLE PLUG(C) KD44G-000-04

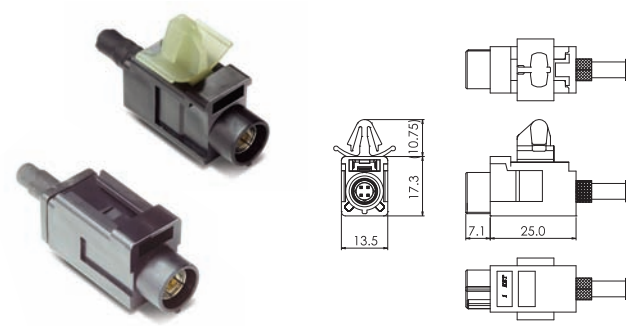
LVDS(Low Voltage Differential Signal)

LVDS Connector for Automotive System

SERIES(INLINE)

INLINE (FEMALE)	INLINE (MALE)

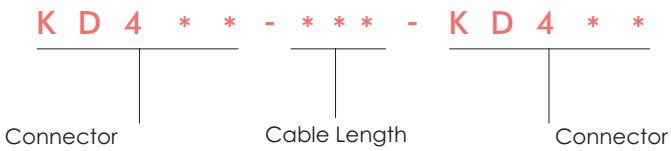




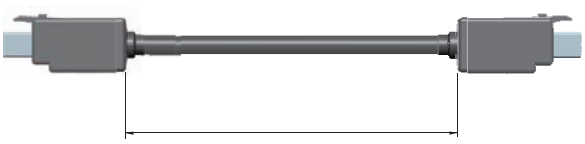
CODING			PART NAME & NO.
A		BLACK	INLINE FEMALE (A) KD42A-000-04
C		WHITE	INLINE FEMALE (C) KD42C-000-04

CODING			PART NAME & NO.
A		BLACK	INLINE MALE (A) KD43A-000-04
B		BLACK	INLINE MALE (B) KD43E-000-04
C		WHITE	INLINE MALE (C) KD43C-000-04

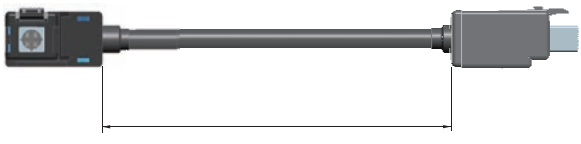
PART NUMBER SYSTEM (CONNECTOR)



Example	Example



KD41A-***-KD41A



KD45A-***-KD41A

FAKRA(Fachkreis Automobil)

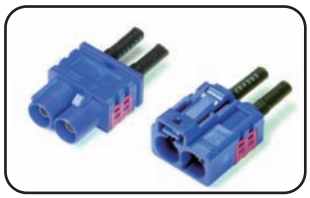
FAKRA Connector for Automotive System

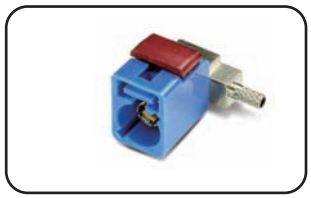
OUTLINE

▶ KET FAKRA connectors are used as standard interfaces for automotive frequency applications such as radio antenna, AVN GPS navigation, DAM,DMB, Bluetooth applications ,WI-FI, Satellite Radio ,distance control, air pressure control etc.

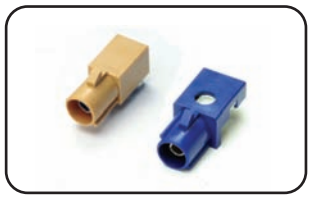


STRAIGHT JACK & PLUG(WITH 2'nd LOCK)





ANGLE JACK(Without 2'nd LOCK)



WAFER (SMD) PCB CONNECTOR

CODING

CODING		JACK		PLUG		COLOR / RAL-Nr
		SINGLE	DUAL	SINGLE	DUAL	
A	Radio without phantom supply					Black / 9005
B	Radio without phantom supply					White / 9001
C	GPS : telematics or navigation					Blue / 5005
D	GSM Cellular phone					Bordeaux Violet/4004
E	TV 1					Green / 6002
F	TV 2					Brown / 8011
G	Remote control keyless entry					Gray / 7031
H	GPS : telematics and navigation					Violet / 4003
I	Radio controlled parking heating					Beige /1001
K	Radio with IF					Curry / 1027
L	Not defined					Carmine Red / 3002
M	Not defined					Pastel Orange/ 2003
N	Not defined					Pastel Green / 6019
Z	Neutral coding					Water blue / 5021

FAKRA(Fachkreis Automobil)

FAKRA Connector for Automotive System

SPECIFICATIONS

PARAMETER	REQUIREMENT
Frequency range	DC 3GHz / 6GHz
Impedance	50Ω
V.S.W.R.	1.4(≤2GHz)/1.5(≤2~3GHz)
Insertion loss	0.3dB(≤3GHz)
Contact current	≤1A DC

WAFER

TYPE	LIST OF MATERIALS	
PCB CONNECTOR 	INSULATOR	Thermo Plastic
	HOUSING	Thermo Plastic
	OUTER CONTACT	Copper Alloy ; Sn or Ni
	INNER CONTACT	Copper Alloy ; Au over Ni
SMD CONNECTOR 	INSULATOR	Thermo Plastic or Teflon
	HOUSING	Thermo Plastic
	OUTER CONTACT	Copper Alloy
	INNER CONTACT	Copper Alloy Au over Ni

JACK/PLUG COMPOSITION

Ø3.0 STRAIGHT JACK			MATERIAL	Ø3.0 STRAIGHT PLUG		
	Description	Part No.			Description	Part No.
	FAKRA ST SINGLE JACK HSG FAKRA ST DUAL JACK HSG	KR21101-0[Coding] KR22101-0[Coding]	PBT		FAKRA ST SINGLE PLUG HSG FAKRA ST DUAL PLUG HSG	KR31101-0[Coding] KR32101-0[Coding]
	FAKRA STRAIGHT JACK OUTER CONTACT	[KR20201-20]	Brass ; Sn or Ni		FAKRA STRAIGHT PLUG OUTER CONTACT	[KR30201-20]
	FAKRA STRAIGHT JACK TERMINAL	[KR20301-20]	Copper Alloy ; Au over Ni		FAKRA STRAIGHT PLUG TERMINAL	[KR30301-20]
	FAKRA HARNESS SLEEVE	[KR00401-20]	Brass ; Sn or Ni		FAKRA HARNESS SLEEVE	[KR00401-20]

JACK/PLUG COMPOSITION

Ø5.0 STRAIGHT JACK			MATERIAL	Ø5.0 STRAIGHT PLUG		
	Description	Part No.			Description	Part No.
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	FAKRA STRAIGHT JACK OUTER CONTACT	[KR20201-30]	Brass ; Sn or Ni		FAKRA STRAIGHT PLUG OUTER CONTACT	[KR30201-30]
	FAKRA STRAIGHT JACK TERMINAL	[KR20301-30]	Copper Alloy ; Au over Ni		FAKRA STRAIGHT PLUG TERMINAL	[KR30301-30]
	FAKRA HARNESS SLEEVE	[KR00401-30]	Brass ; Sn or Ni		FAKRA HARNESS SLEEVE	[KR00401-30]

JACK/PLUG COMPOSITION

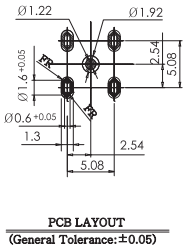
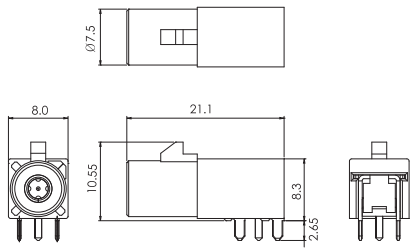
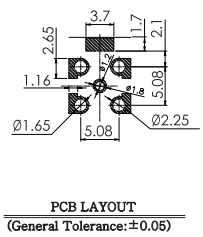
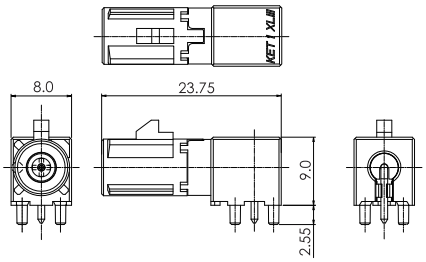
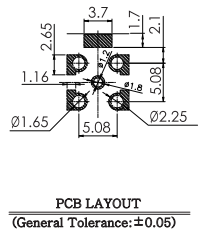
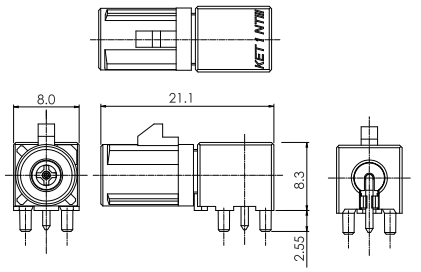
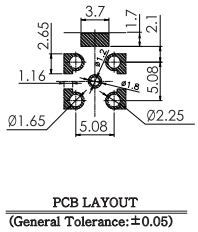
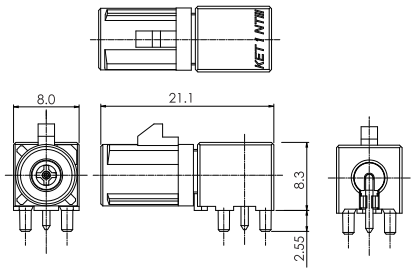
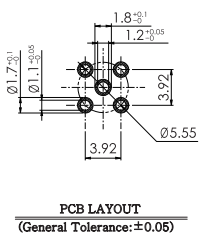
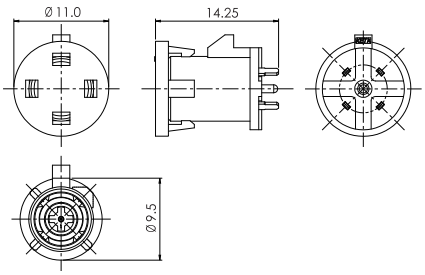
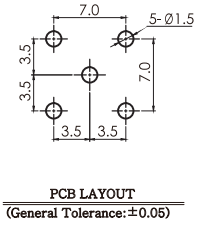
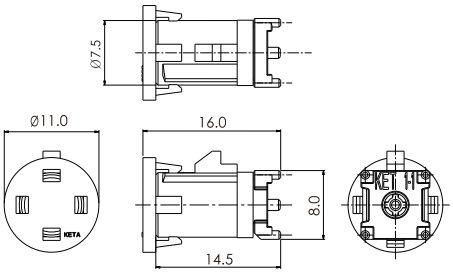
PRESS STRAIGHT JACK			MATERIAL	PRESS STRAIGHT PLUG		
	Description	Part No.			Description	Part No.
	FAKRA ST SINGLE JACK HSG FAKRA ST DUAL JACK HSG	KR21101-0[Coding] KR22101-0[Coding]	PBT		FAKRA ST SINGLE PLUG HSG FAKRA ST DUAL PLUG HSG	KR31101-0[Coding] KR32101-0[Coding]
	FAKRA STRAIGHT JACK OUTER CONTACT	[KR20203-20]	Brass ; Sn or Ni		FAKRA STRAIGHT PLUG OUTER CONTACT	[KR30202-20]
	FAKRA STRAIGHT JACK TERMINAL	[KR20301-30]	Copper Alloy ; Au over Ni		FAKRA STRAIGHT PLUG TERMINAL	[KR30301-30]
	FAKRA HARNESS SLEEVE	[KR00406-20]	Brass ; Sn or Ni		FAKRA HARNESS SLEEVE	[KR00406-20]

KET ENGINEERED

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FAKRA Connector for Automotive System

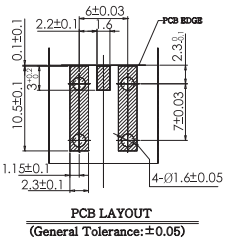
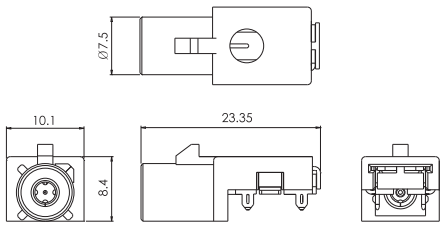
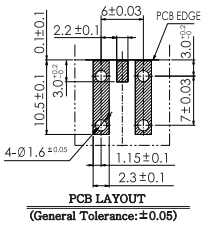
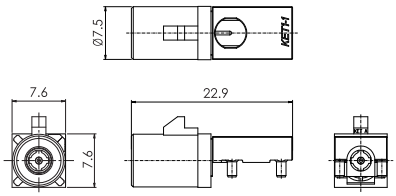
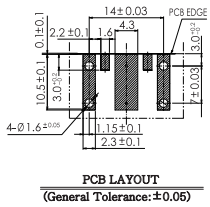
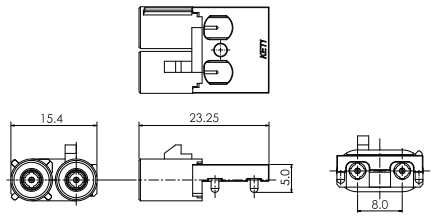
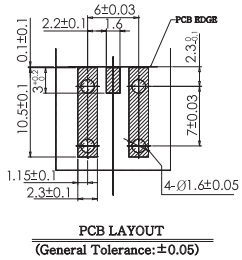
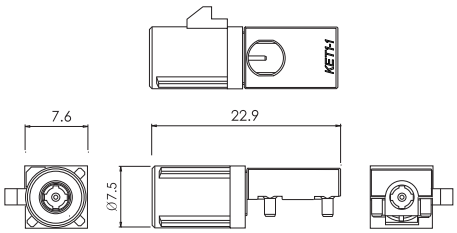
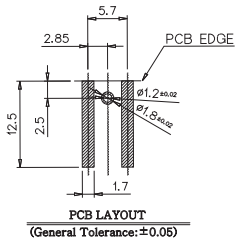
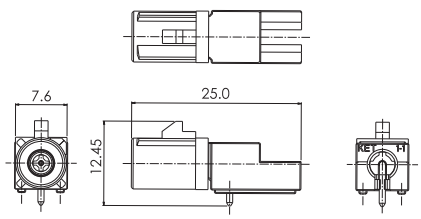
SERIES(WAFER, PCB CONNECTOR)

WAFER (PCB CONNECTOR, DIP TYPE)	PART NAME & No.
  	WAFER ASSY DIP **KR15001-D*** (*CODING)
  	XL WAFER III ASSY **KR15012-S*** (*CODING)
  	NT WAFER II ASSY **KR15007-D*** (*CODING)
  	WAFER III ASSY **KR15015-D*** P/NO : A17B014
  	ASSY VRT DWAFERIP **KR11001-D*** (*CODING)
  	**KR11006-DG** ETCS Part FAKRA VRT 1P P/NO : A18B034

FAKRA(Fachkreis Automobil)

FAKRA Connector for Automotive System

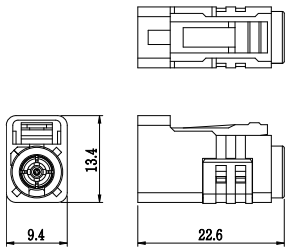
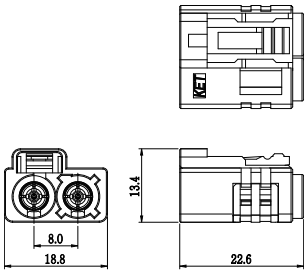
SERIES(WAFER, PCB CONNECTOR)

WAFER (PCB CONNECTOR, SMD TYPE)			PART NAME & No.
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			WAFER ASSY DIP **KR15013-S**
			WAFER ASSY DIP **KR16002-S**
			**KR15016-SB** FAKRA SD WAFER II 1P-RIGHT LOCK P/NO : A17B187
			**KR15023-DA** ETCS Part FAKRA HZT 1P P/NO : A18B035

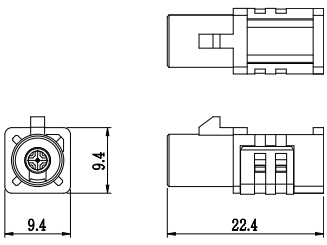
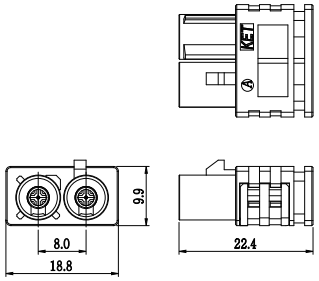
FAKRA(Fachkreis Automobil)

FAKRA Connector for Automotive System

SERIES(JACK CONNECTOR)

JACK (STRAIGHT, 2'nd LOCK) * : CABLE OPTION		
SINGLE	PART NAME & No.	APPLICABLE CABLE
 	STRAIGHT SINGLE JACK **KR21001-**** (*CODING)	RG 316S RG 316D 1.5DS
DUAL	PART NAME & No.	APPLICABLE CABLE
 	STRAIGHT DUAL JACK **KR22001-**** (*CODING)	RG 316S RG 316D 1.5DS

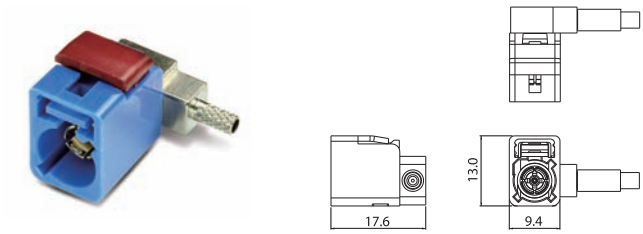
SERIES(PLUG CONNECTOR)

PLUG (STRAIGHT, 2'nd LOCK) * : CABLE OPTION		
SINGLE	PART NAME & No.	APPLICABLE CABLE
 	STRAIGHT SINGLE PLUG **KR31001-**** (*CODING)	RG 316S RG 316D 1.5DS
DUAL	PART NAME & No.	APPLICABLE CABLE
 	STRAIGHT DUAL PLUG **KR32001-**** (*CODING)	RG 316S RG 316D 1.5DS

FAKRA(Fachkreis Automobil)

FAKRA Connector for Automotive System

SERIES(JACK CONNECTOR)

SOCKET (PCB CONNECTOR, SMD TYPE)	
SOCKET	PART NAME & No.
	FAKRA ANGLE JACK II **KR25101-**** (*CODING)

ELECTRONIC CONNECTOR

319~391page

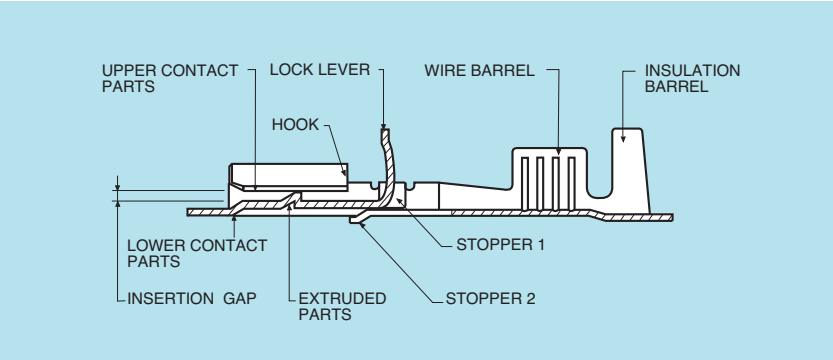


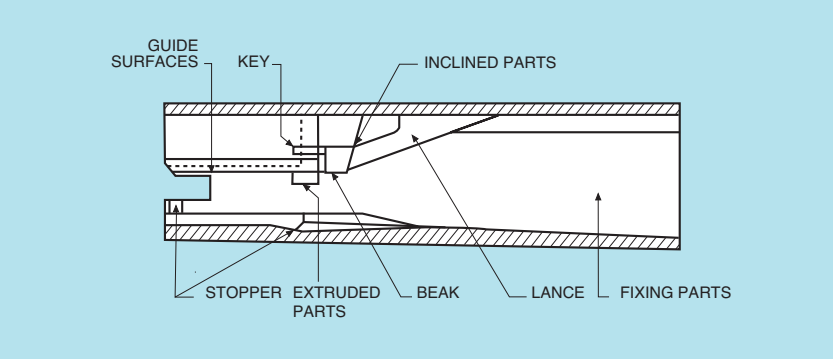
ELECTRONIC CONNECTOR

In the 21st century, telecommunication technology will make national boundaries meaningless and create a single faster and more convenient world. Growing out of a 'connector' maker, KET now entertains dream to leap forward to become a comprehensive component producer in the 21st century by adding a group of telecommunication-related goods to its product list as a strategic business.The components for optical and mobile communications that KET is currently manufacturing will make great contribution to creating a more convenient world.

P-LOCK CONNECTOR

FEATURES





SPECIFICATIONS

	110 P-LOCK	187 P-LOCK	250 P-LOCK
VOLTAGE RATING	300 V/AC(Dielectric Strength:2,000V/min)		
CONTACT RESISTANCE	3 mΩmax (Initial) 6 mΩmax (Final)		
OPERATING TEMPERATURE	−40℃ +105℃(Temp. Rise Test)		
TERMINAL LOCKING FORCE	5.0Kg min	6.0Kg min	8.0Kg min
INSULATION RESISTANCE	1,000MΩ min		

P-LOCK CONNECTOR

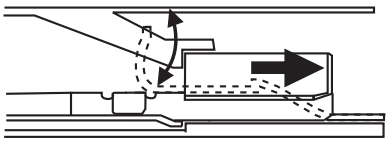
P-LOCK CONNECTOR

- Built-in positive locking device assures a good connection.
- Improve electrical functions through expanded contact area.
- Quick and easy assembly/disassembly.
- Minimize a poor tab assembly with inner stopper structure.



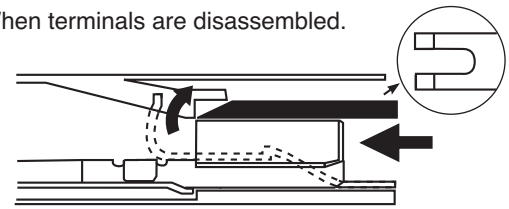
HOUSING, TERM' FEATURES

1.When terminals are connected.



➜ Condition of receiver terminals contained within housings.

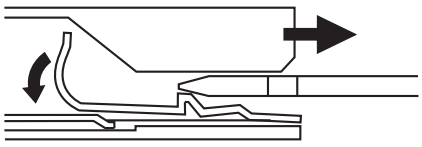
2.When terminals are disassembled.



➜Jig is inserted in arrow direction, and receiver terminals are removed after lowering lance in arrow direction, when removing receiver terminals from housings.

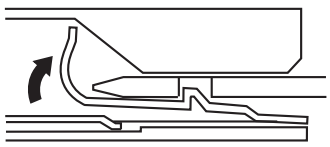
LOCKING MECHANISM

1.When inserted in tabs



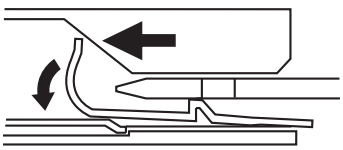
➜ Initial Conditions of receiver terminals and tabs lever descends in arrow direction.

2.Locking condition



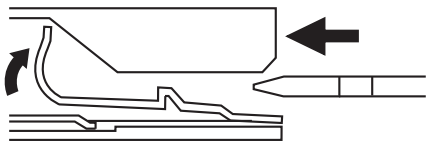
➜ Complete insertion of terminals and tabs Lever rises in arrow direction.

3.Connector disassembly



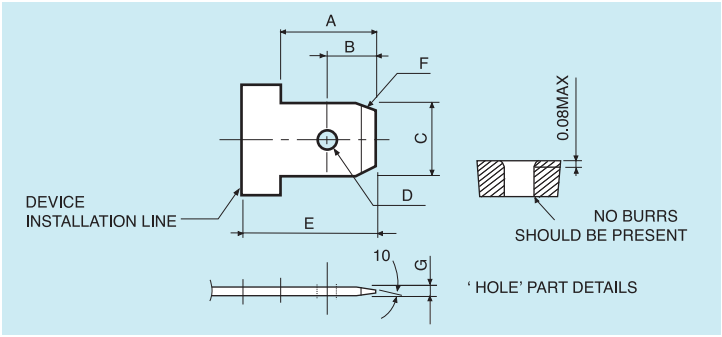
➜ Initial condition when housings disassembled from connected condition. Lever descends in arrow direction.

4.Disassembled condition

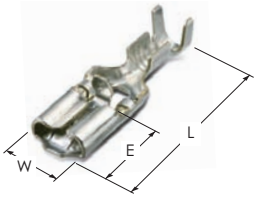


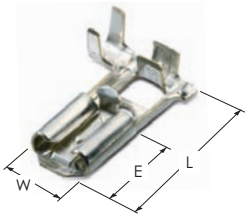
➜ Completely disassembled condition lever returns to original location.

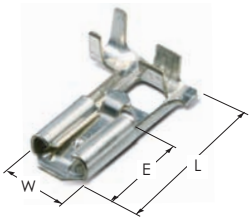
P-LOCK CONNECTOR

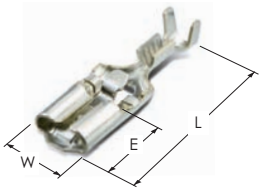


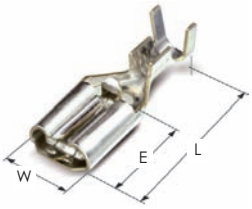
TAB SIZE	250 P-LOCK
A	7.8 MIN
B	4.5 ±0.20
C	6.3 ±0.10
D	Ø1.6 $^{+0.4}_{-0}$
E	8.9 MIN
F	0.75 ±0.25
G	0.8 ±0.03

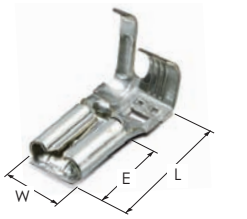
Ⓐ


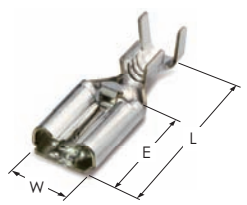
Ⓑ


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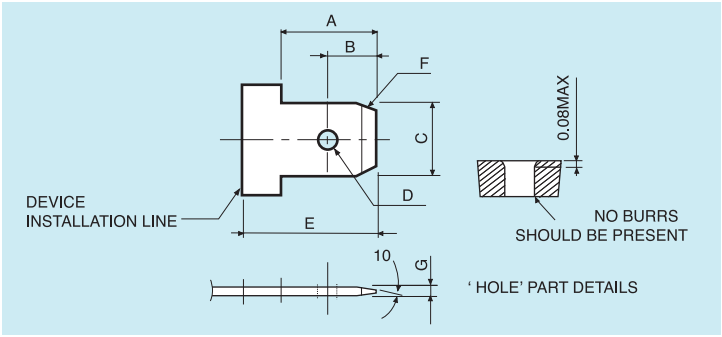
250 TERMINAL

Part No.	Wire Range		Material	Dimension(mm)			Type
	AWG	mm²	Finish	L	E	W	
ST730570-3	22-18	0.31-0.89 (Ø0.8 Solid)	Brass Pre-Tin	22.8	6.5	7.6	Ⓐ
ST730571-3	18-14	0.76-2.09	Brass Pre-Tin	22.8	6.5	7.6	
ST730572-3	12-10	3.0-5.4	Brass Pre-Tin	22.8	6.5	7.6	
ST731016-3	20+20 18+18	0.5+0.5 0.76+0.76	Brass Pre-Tin	22.8	6.5	7.6	
ST730573-3	Solid Wire	0.75-2.27	Brass Pre-Tin	19.4	8.0	7.6	Ⓑ
ST730574-3	18-14	0.75-2.27	Brass Pre-Tin	19.4	8.0	7.6	
ST730575-3	Solid Wire	1.0+1.0 1.0+1.2	Brass Pre-Tin	19.4	8.0	7.6	
ST730663-3	Solid Wire	3.0	Brass Pre-Tin	19.4	8.0	7.6	
ST730649-3	18-12	0.75-3.0	Brass Pre-Tin	15.8	7.8	7.6	Ⓕ
ST731394-3S	22-20	0.34-0.53	Brass Pre-Tin	19.6	7.8	7.6	Ⓔ
ST731394-3M	18-16	0.80-1.38	Brass Pre-Tin	19.6	7.8	7.6	
ST731394-3L	14-12	2.17-3.45	Brass Pre-Tin	19.6	7.8	7.6	
ST731394-3XL	10	5.22	Brass Pre-Tin	19.6	7.8	7.6	

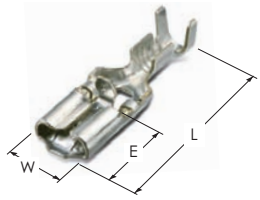
250 TERMINAL(SLEEVE TYPE)

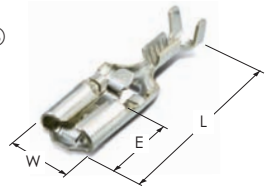
Part No.	Wire Range		Material	Dimension(mm)			Type
	AWG	mm²	Finish	L	E	W	
ST730619-3	22-18	0.31-0.89	Brass Pre-Tin	22.8	6.5	7.6	Ⓓ
ST730620-3	18-14	0.76-2.09	Brass Pre-Tin	22.8	6.5	7.6	
ST730621-3	12-10	3.10-5.4	Brass Pre-Tin	22.8	6.5	7.6	
ST731018-3	20+20 18+18	0.5+0.5 0.76+0.76	Brass Pre-Tin	22.8	6.5	7.6	
ST730598-3	18-14	0.75-2.27	Brass Pre-Tin	19.4	8.2	7.6	Ⓒ
ST731451-3M	18-16	0.76-1.38	Brass Pre-Tin	19.6	8.7	7.65	Ⓖ

P-LOCK CONNECTOR

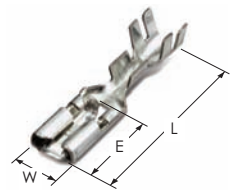


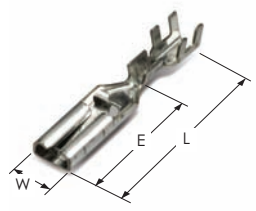
TAB SIZE	110 P-LOCK	187 P-LOCK
A	7.0MIN	6.2MIN
B	1.55 ±0.25	3.2 ±0.20
C	2.8 ±0.10	4.8 ±0.10
D	Ø1.1 $^{+0.2}_{-0}$	Ø1.3 $^{+0.2}_{-0}$
E	8.1MIN	7.3MIN
F	0.45 ±0.15	0.75 ±0.15
G	0.5 ±0.03	0.5 ±0.03

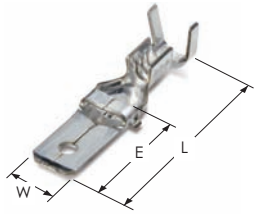
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187 TERMINAL

ST730567-6: 0.8T(Tab Thick)

Part No.	Wire Range AWG	Wire Range mm²	Material Finish	Dimension(mm) L	Dimension(mm) E	Dimension(mm) W	Type
ST730567-3 / ST730567-6	24-20	0.22-0.5	Brass Pre-Tin	19.2	5.0	5.6	Ⓐ
ST730568-3	18-16	0.76-1.28	Brass Pre-Tin	19.2	5.0	5.6	
ST730569-3	18-14	0.76-2.09	Brass Pre-Tin	19.2	5.0	5.6	
ST731079-3	20-16	0.76-2.09	Brass Pre-Tin	16.2	6.4	5.6	Ⓒ
ST731261-3S	24-22	0.22-0.3	Brass Pre-Tin	21.3	5.0	5.6	Ⓓ
ST731261-3	20-16	0.5-1.25					
ST731262-3	20+20 18+18	1.0-1.5	Brass Pre-Tin	21.3	5.0	5.6	

187 TERMINAL(SLEEVE TYPE)

Part No.	Wire Range AWG	Wire Range mm²	Material Finish	Dimension(mm) L	Dimension(mm) E	Dimension(mm) W	Type
ST730678-3	24-20	0.22-0.5	Brass Pre-Tin	19.2	5.0	5.6	Ⓑ
ST730710-3	24-20	0.22-0.5	Brass Pre-Tin	19.2	6.3	5.6	
ST730679-3	18-16	0.76-1.28	Brass Pre-Tin	19.2	5.0	5.6	
ST730711-3	18-16	0.76-1.28	Brass Pre-Tin	19.2	6.3	5.6	
ST730680-3	18-14	0.76-2.09	Brass Pre-Tin	19.2	5.0	5.6	
ST730712-3	18-14	0.76-2.09	Brass Pre-Tin	19.2	6.3	5.6	

187 TERMINAL(TAB)

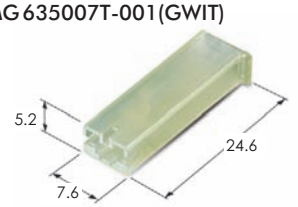
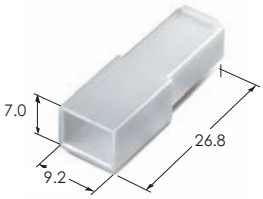
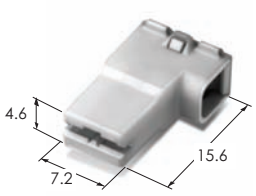
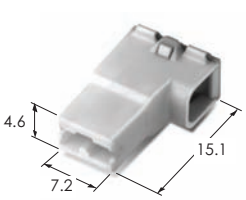
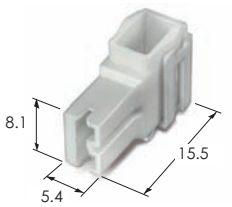
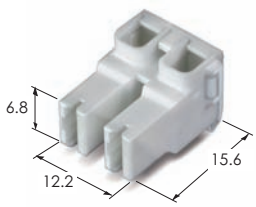
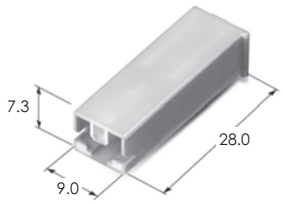
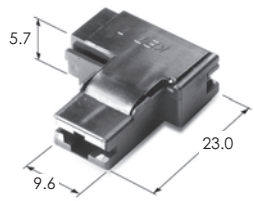
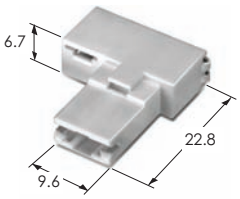
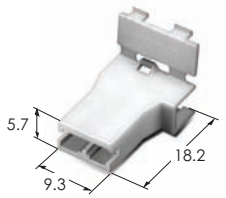
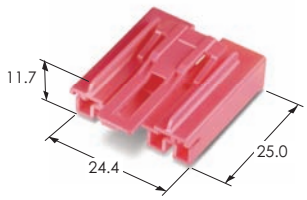
Part No.	Wire Range AWG	Wire Range mm²	Material Finish	Dimension(mm) L	Dimension(mm) E	Dimension(mm) W	Type
ST741400-3M	18-16	0.76-1.28	Brass Pre-Tin	19.4	9.4	4.75	Ⓕ

110 TERMINAL

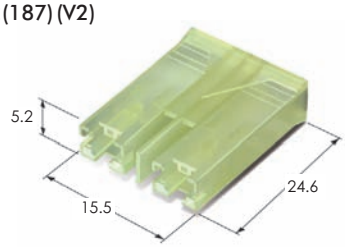
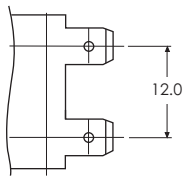
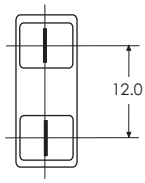
Part No.	Wire Range AWG	Wire Range mm²	Material Finish	Dimension(mm) L	Dimension(mm) E	Dimension(mm) W	Type
ST731177-3	24-20	0.55-0.22	Brass Pre-Tin	18.9	6.0	3.8	Ⓔ
ST731217-3	18-16 20+20 22+22	1.25-0.85 0.5+0.5 0.3+0.3	Brass Pre-Tin	18.9	6.0	3.8	

P-LOCK CONNECTOR

1P/2P HOUSING

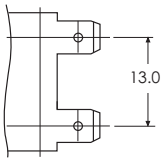
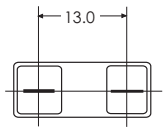
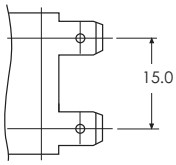
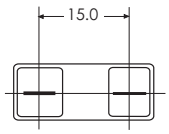
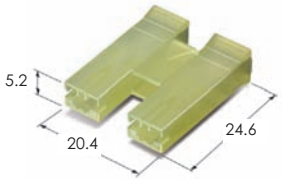
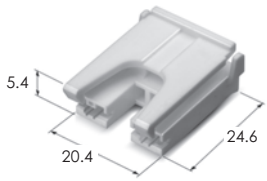
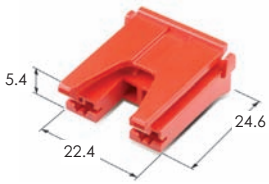
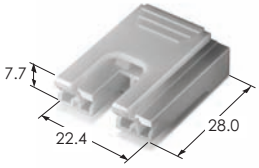
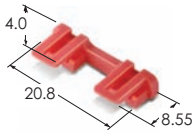
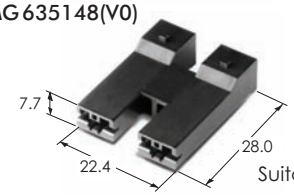
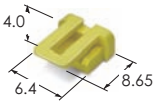
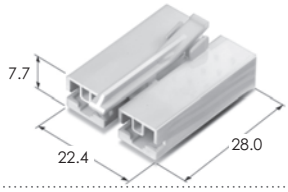
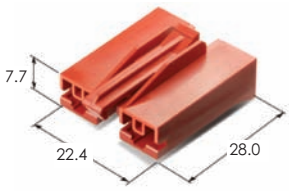
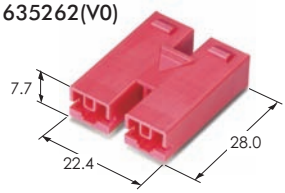
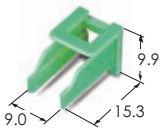
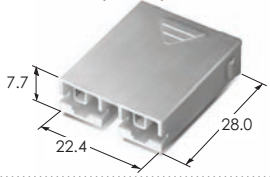
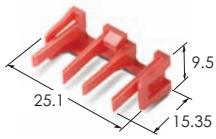
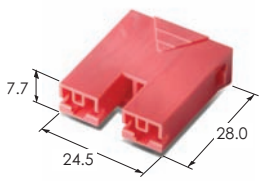
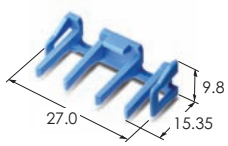
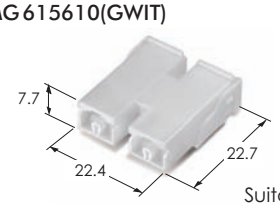
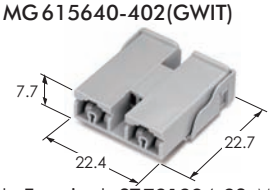
Type	Female
187	▲ MG 630588(V2) MG 635007(V0) MG 635007T-001(GWIT)  Suitable Terminal: ST 730567, ST 730568, ST 730569
	MG 625484-001(GWIT)  Suitable Terminal: ST 741400-3M
	■ MG 631190(V2)  Suitable Terminal: ST 730567, ST 730568, ST 730569
	■ MG 634151T-001(GWIT)  Suitable Terminal: ST 731079
	MG 635030(V0) MG 635030S(GWIT)  Suitable Terminal: ST 731079
	MG 635645(V0)  Suitable Terminal: ST 731079
	MG 635621T-002(GWIT)  Suitable Terminal: ST 731079 Suitable Pitch: 7.0mm
250	◎ MG 630591 (V2) MG 630591R(V0) MG 630591T(GWIT)  Suitable Terminal: ST 730570, ST 730571, ST 730572
	▲ MG 630592(V2) MG 630592R(V0)  Suitable Terminal: ST 730573, ST 730574, ST 730575
	MG 613472(V0)  Suitable Terminal: ST 730573, ST 730574, ST 730575
	MG 633976(V0) MG 633976K(GWIT)  Suitable Terminal: ST 730649
	■ MG 615611(GWIT)  Suitable Terminal: ST 731394-3S, M, L, XL

CONDENSER HOUSING

Poles	Female
2	MG 630822(187) (V2)    Suitable Terminal: ST 730567, ST 730568, ST 730569

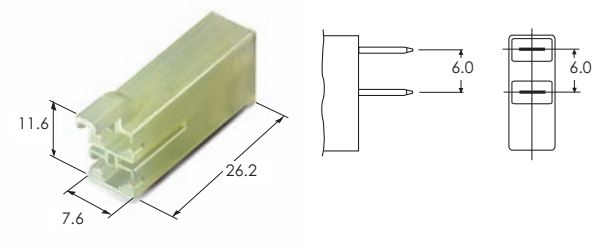
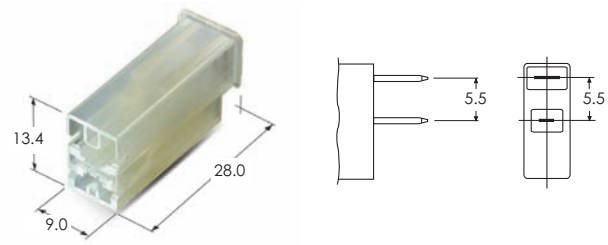
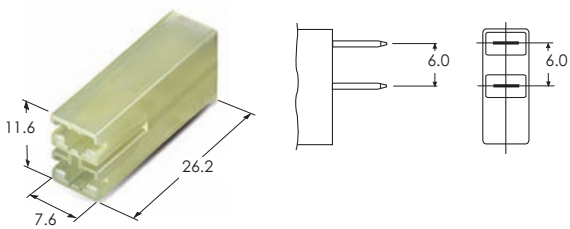
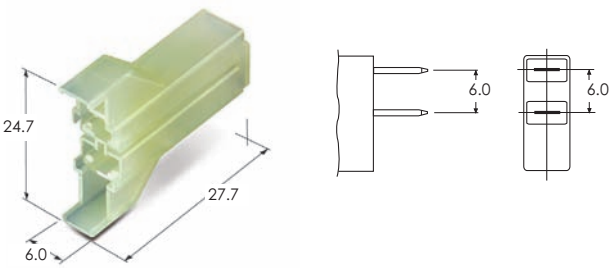
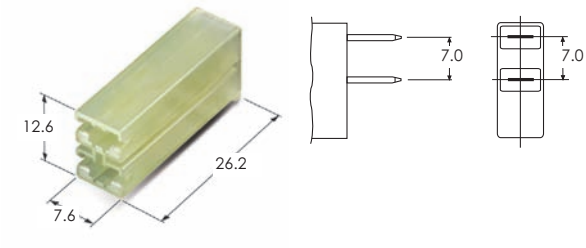
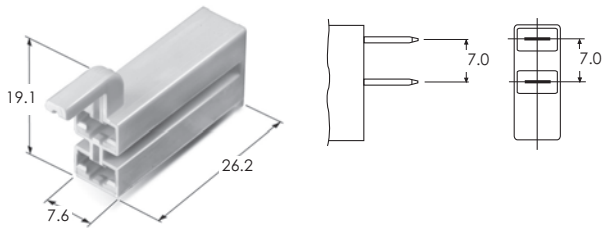
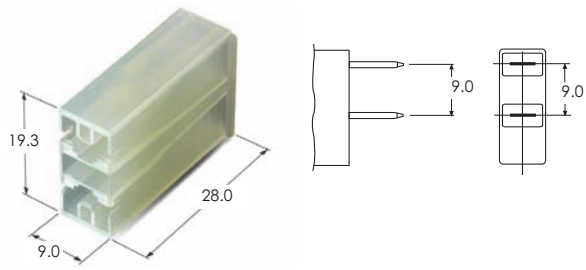
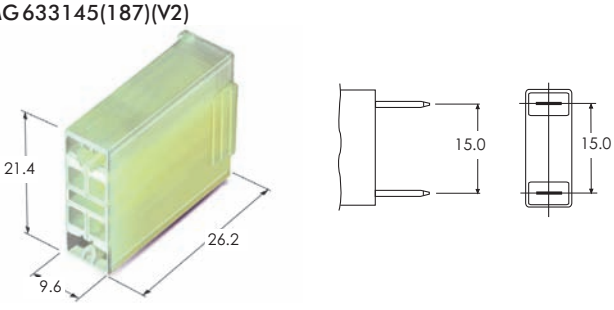
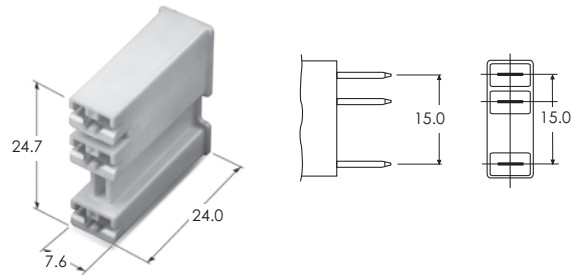
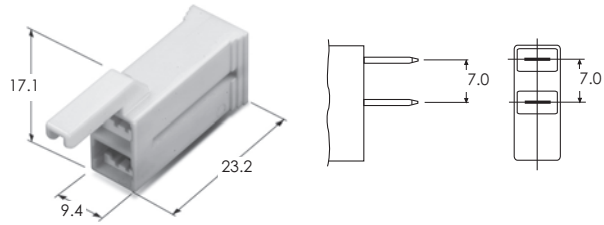
P-LOCK CONNECTOR

WATER SUPPLY VALVE HOUSING

Type	Female	
Pitch	 	 
187	MG 630839(V2) MG 630839P (GWIT) MG 630839R(V0) MG 633767(V0) MG 633767L(V0)   Suitable Terminal: ST 730567, ST 730568, ST 730569	MG 633987(V0) 
	■MG 635371(GWIT) 	MG 635149(V0) 
	MG 635148(V0) 	MG 635705(V0) 
	Suitable Terminal: ST 731261, ST 731262	
250	MG 633814(V0) MG 633814T(GWIT) 	MG 633986(V0) 
	MG 635262(V0) 	MG 635145(V0) 
	Suitable Terminal: ST 730570, ST 730571, ST 730572	Suitable Terminal: ST 730570, ST 730571, ST 730572
	■MG 634108(V0) MG 634108T(GWIT) 	MG 634825(V0) 
	Suitable Terminal: ST 730570, ST 730571, ST 730572	MG 634915T-002(GWIT) MG 634916(V0)  
	MG 615610(GWIT) MG 615640-402(GWIT)   Suitable Terminal: ST 731394-3S, M, L, XL	Suitable Terminal: ST 730570, ST 730571, ST 730572

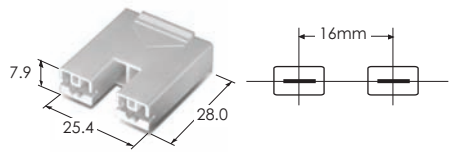
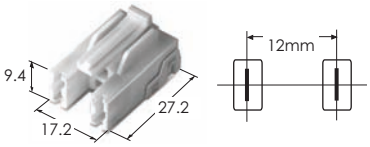
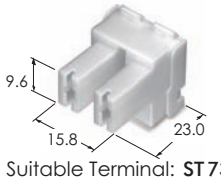
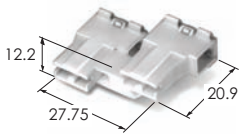
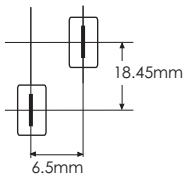
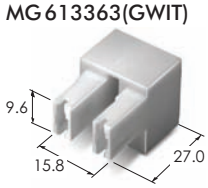
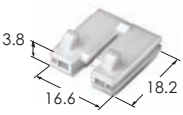
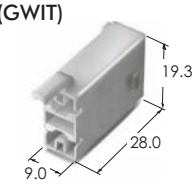
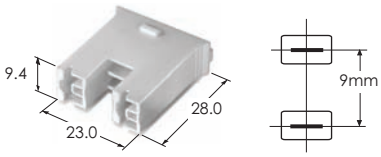
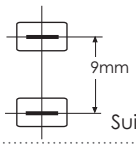
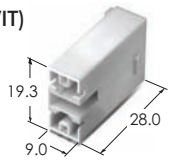
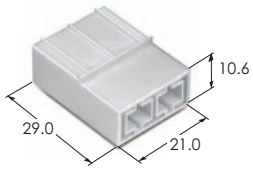
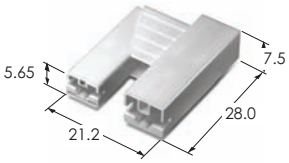
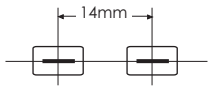
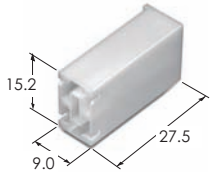
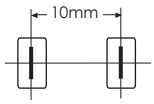
P-LOCK CONNECTOR

RELAY S/W HOUSING

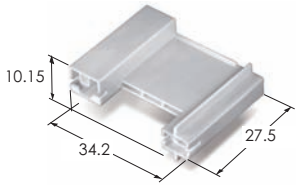
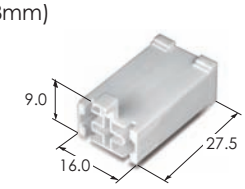
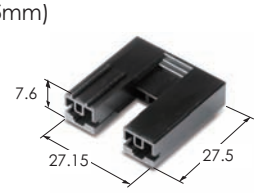
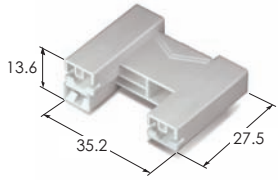
Poles	Female
2	▲ MG 630589(187)(V2)  ■ MG 631980(250/187)(V2), MG 631980T-002(GWIT)  ▲ MG 630618(187)(V2)  ■ MG 631189(187)(V2)  MG 630821(187)(V2)  MG 631130(187)(V0), MG 631130T-002(GWIT)  MG 632201(250)(V2), MG 632201R(V0)  MG 633145(187)(V2)  MG 633917(187)(V0), MG 633917T-003(GWIT)  MG 613435(187)(V0)  Suitable Terminal: ST730567, ST730568, ST730569

P-LOCK CONNECTOR

250 HOUSING

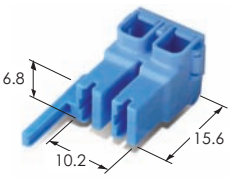
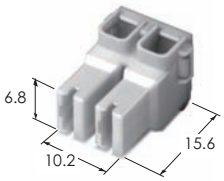
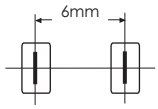
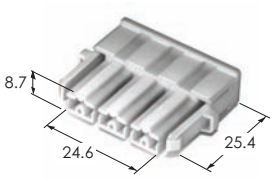
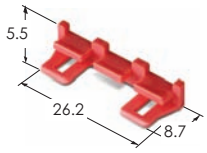
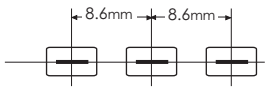
Poles	Female
2	■ MG 634620(V0), MG 634620T(GWIT)  Suitable Terminal: ST 730570, 571, 572 ■ MG 634028(V0)  Suitable Terminal: ST 730573, 574, 575, 663 ■ MG 630823(V2), MG 630823T-002(GWIT)  Suitable Terminal: ST 730574-3 MG 634873(V0) MG634873K(GWIT)   Suitable Terminal: ST 730649 MG 613363(GWIT)  MG 633364(GWIT)  Suitable Terminal: ST 730573, ST 730574, ST 730575, ST 730663 MG 635387(GWIT)  Suitable Terminal: ST 730570, ST 730571, ST 730572 MG 634455T-002(GWIT)  MG 634456(V0)  Suitable Terminal: ST 730570, ST 730571, ST 730572 ■ MG 634107R(V0) MG 634107T(GWIT)   MG 634882(V0)  Suitable Terminal: ST 730570, ST 730571, ST 730572 MG 625029(V0), MG 625029T(GWIT)  Suitable Terminal: ST 740050, ST 740314 ■ MG 634407(250/187)(V0), MG 634407T-002(GWIT)   Suitable Terminal: 250- ST 730570, ST 730571, ST 730572 187- ST 730567, ST 730568, ST 730569 MG 635465(GWIT)   Suitable Terminal: ST 730570, ST 730571, ST 730572

REGULATOR HOUSING

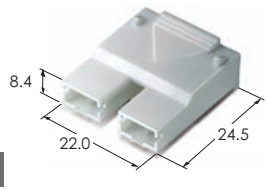
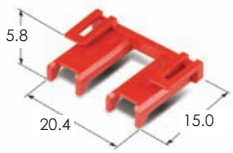
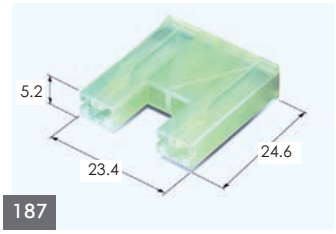
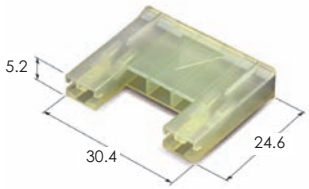
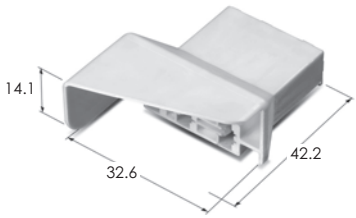
Poles	Female
2	MG 615569T-002(GWIT)  250/187 MG 615570T-002(GWIT) (Pitch:10.8mm)  250 MG 615572T-002(GWIT) (Pitch:17.95mm)  250
3	MG 615571T-003(GWIT)  250

P-LOCK CONNECTOR

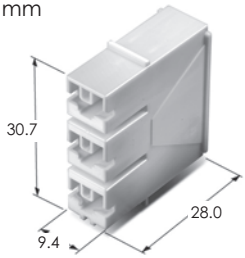
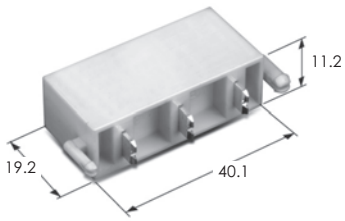
187 HOUSING

Poles	Female
2	■ MG 634870(V0), MG 634870T-002(GWIT)  MG 635263(V0), MG 635263T-002(GWIT)   Suitable Terminal: ST731079
3	MG 615070(V0)  MG 635071(V0)   Suitable Terminal: ST731261, ST731262

MOTOR HOUSING

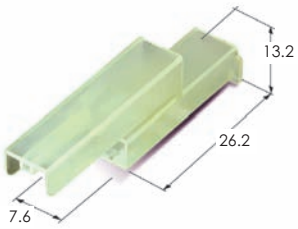
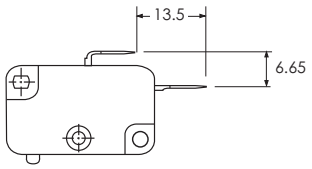
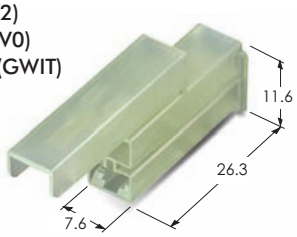
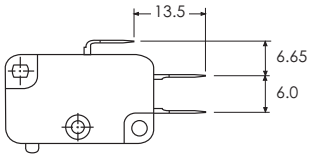
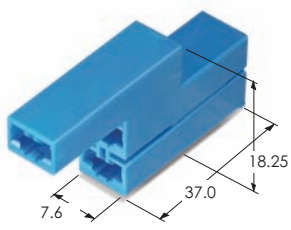
Poles	Female
2	MG 632202R (V0) Pitch:13mm MG 632202T (GWIT)  250 Suitable Terminal: ST730869, ST730222 MG 633858(V0)  ⚠ MG 630721(V2) Pitch:16mm  187 Suitable Terminal: ST730567, ST730568, ST730569 MG 631183 (V2) Pitch:23mm 
3	■ MG 631356(V0) Pitch:7.0/9.5mm  Suitable Terminal: ST730567, ST730568, ST730569

250 PCB HOUSING

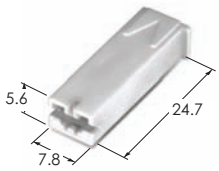
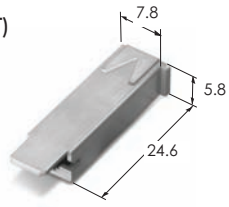
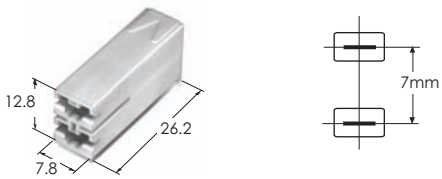
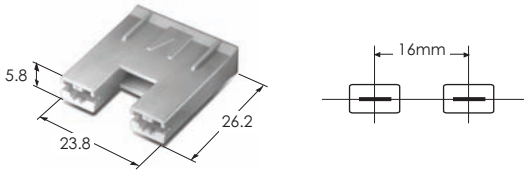
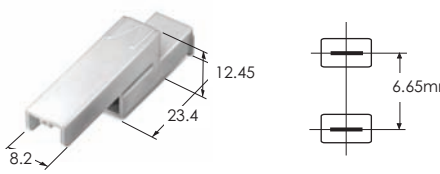
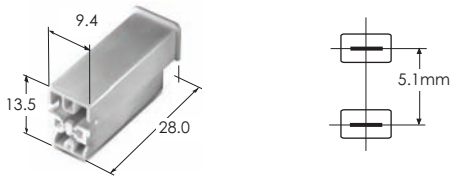
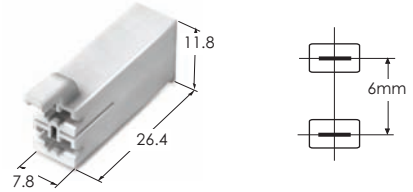
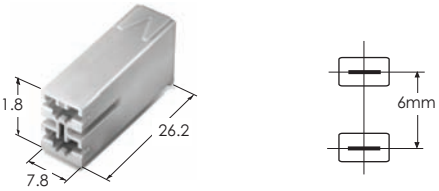
Poles	Female
3	MG 613365(V0) Pitch:11mm  Suitable Terminal : ST730570, ST730571, ST730572 MG 643366(V0) Pitch:11mm  

P-LOCK CONNECTOR

MICRO S/W HOUSING(187)

Poles	Female
2	MG 630846(V2)  
3	⚠ MG 630590(V2) MG 630590R(V0) MG 630590C(GWIT)   MG 635161T-003(GWIT)  Suitable Terminal: ST730567, ST730568, ST730569

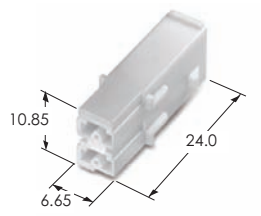
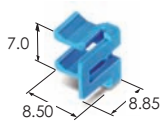
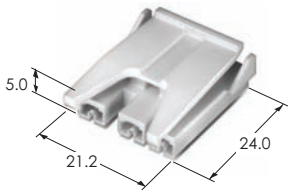
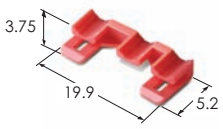
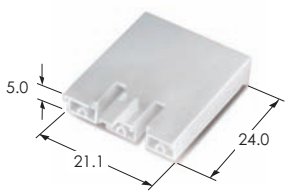
187 HOUSING

Poles	Female
1	■ MG 634526(V0) MG 634526T(GWIT)  ■ MG 634532(V0) MG 634532T-001(GWIT) 
2	■ MG 634529(V0), MG 634529T-002(GWIT)  ■ MG 634528(V0) MG 634528T(GWIT) 
	■ MG 634527(V0), MG 634527T-002(GWIT)  ■ MG 634530(250/187)(V0) 
	■ MG 634531(V0), MG 634531T-002(GWIT)  ■ MG 634533(V0), MG 634533T-002(GWIT) 

Suitable Terminal: ST730567, ST730568, ST730569

P-LOCK CONNECTOR

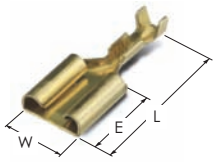
110 HOUSING

Poles	Female	Rear Holder
2	MG 615603T(GWIT) 	MG 635756(V0) 
3	■ MG 634707T-003(GWIT) 	MG 634708(V0) 
	MG 615600(V0) 	

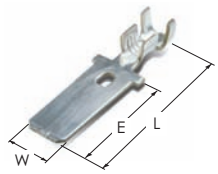
Suitable Terminal: **ST731177-3, ST731217-3**

312, 250 CONNECTOR

Ⓐ



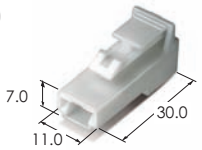
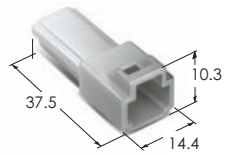
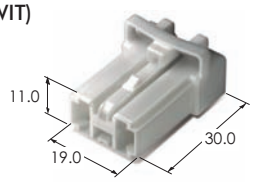
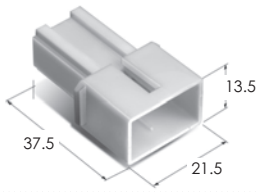
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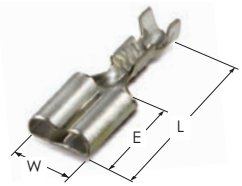
TERMINAL

Part No.	Wire Range		Material	Dimension(mm)			Type
	AWG	mm²	Finish	L	E	W	
ST730371-1	18-14	AVSS 2.0	Brass	24.35	10.0	9.0	Ⓐ
ST730371-3			Pre-Tin				
ST730372-1	12-10	AVS 3.0~5.0	Brass	24.35	10.0	9.0	
ST730372-3			Pre-Tin				
ST740370-1	16-14	AVSS 1.25~2.0	Brass	29.7	18.0	7.9	Ⓑ
ST740370-2			Brass/Tin				
ST740399-1	12-10	AVS 3.0~5.0	Brass	29.7	16.0	7.9	
ST740399-2			Brass/Tin				

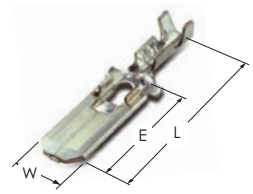
312 HOUSING

Poles	Female	Male
1	MG613084T(GWIT) 	MG 623085T(GWIT) 
2	MG612006T(GWIT) 	MG 622007T(GWIT) 

Ⓐ



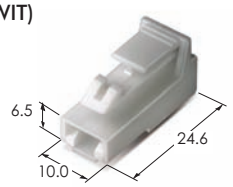
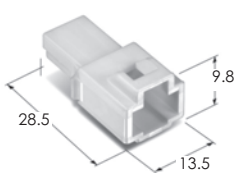
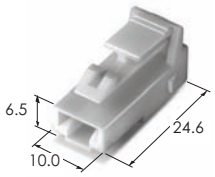
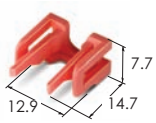
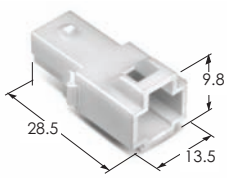
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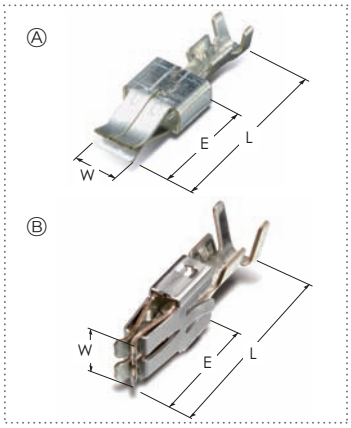
TERMINAL

Part No.	Wire Range		Material	Dimension(mm)			Type
	AWG	mm²	Finish	L	E	W	
ST730267-3S	22-20	0.3-0.5	Pre-Tin	19.5	7.8	7.4	Ⓐ
ST730268-3M	18-16	0.85-1.25	Pre-Tin	19.5	7.8	7.4	
ST730269-3L	14-12	2.0-3.0	Pre-Tin	19.5	7.8	7.4	
ST740253-3S	22-20	0.3-0.5	Pre-Tin	24.5	15.5	6.0	Ⓑ
ST740254-3M	18-16	0.85-1.25	Pre-Tin	24.5	15.5	6.0	
ST740255-3L	14-12	2.0-3.0	Pre-Tin	24.5	15.5	6.0	

250 HOUSING

Poles	Female	Male
1	MG611933(GWIT) 	MG621934(GWIT) 
	■ MG615077(GWIT)  MG635079(V0) 	■ MG625076(GWIT)  MG635078(V0) 

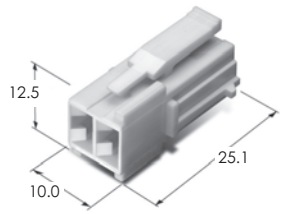
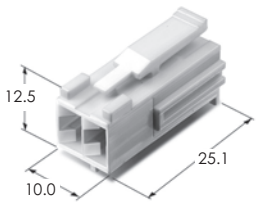
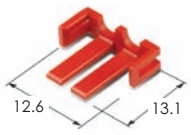
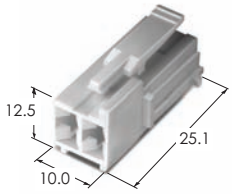
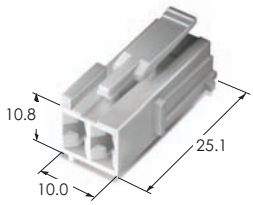
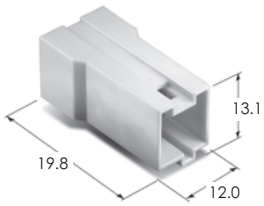
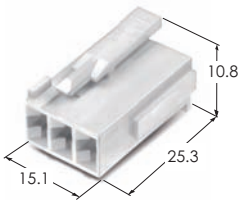
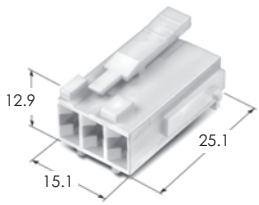
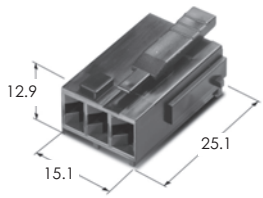
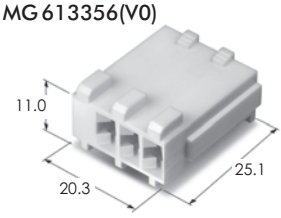
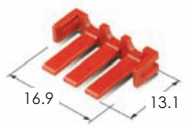
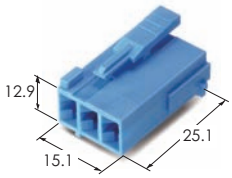
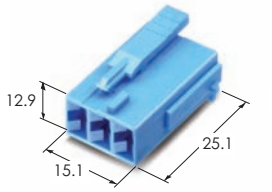
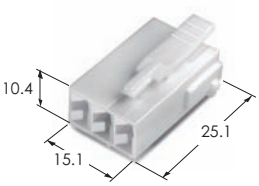
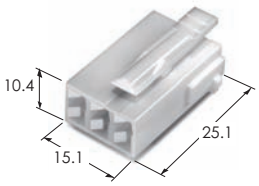
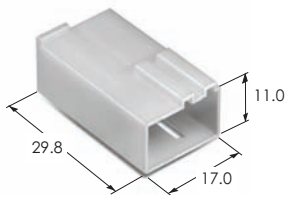
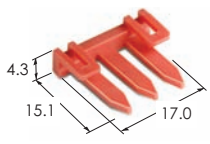
250(Door Lock S/W) CONNECTOR



TERMINAL

Part No.	Wire Range		Material	Dimension(mm)			Type
	AWG	mm²	Finish	L	E	W	
ST730948-3	22-20	0.3-0.5	Brass / Pre-Tin	20.2	11.4	4.7	Ⓐ
ST730993-3	18-16	0.75-1.25	Brass / Pre-Tin	20.2	11.4	4.7	Ⓐ
ST731329-3	16+20 18+22	1.15-1.75	Brass / Pre-Tin	20.2	11.4	4.7	Ⓐ
ST731393-3M	16(1015/1569) 16+22(1569)	1.30 1.30+0.35	Cover : SUS Body : Copper Alloy/Pre-Tin	19.2	11.4	4.8	Ⓑ

HOUSING

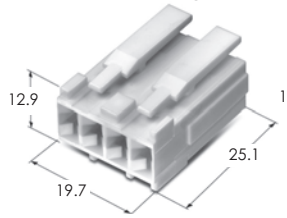
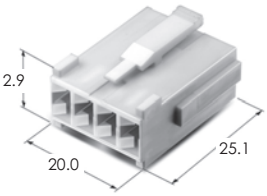
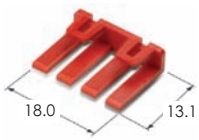
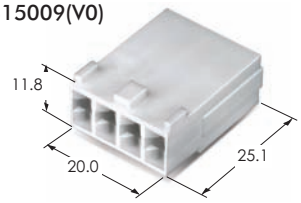
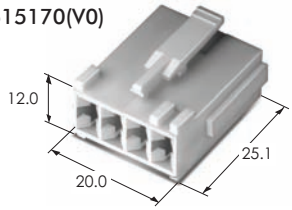
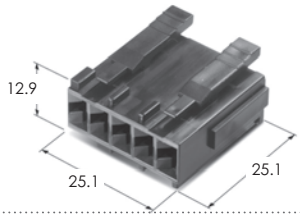
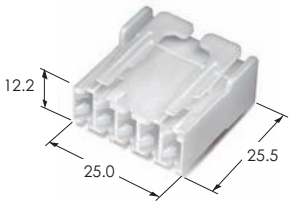
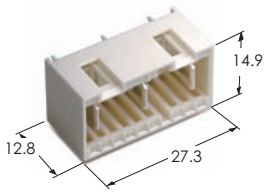
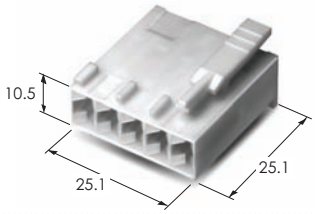
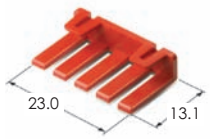
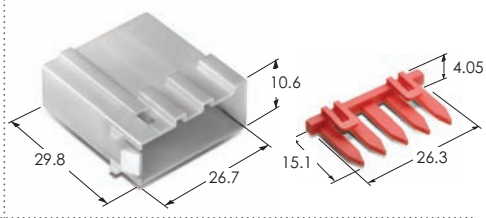
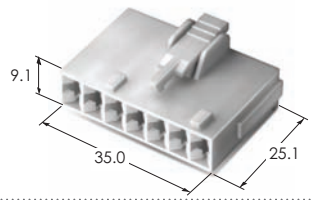
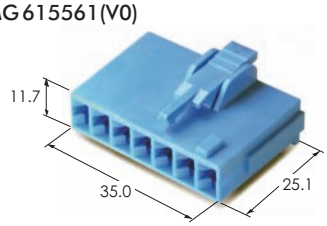
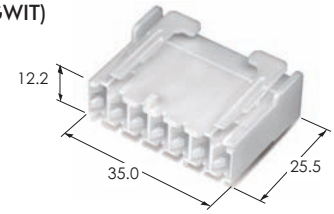
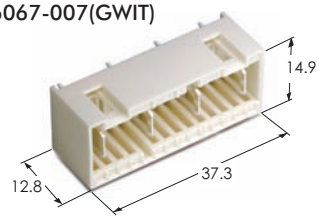
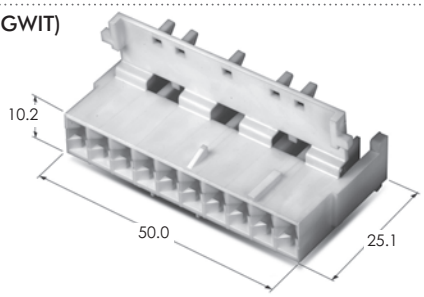
Poles	Female	Male
2	MG613428(V0)  MG613418(V0)  MG633658(V0)  MG613871T-002(GWIT)  MG615414T-002(GWIT)  	MG623798(V0)  Suitable Housing : MG613418 Suitable Terminal : ST740050, ST740314
3	MG615630-003(GWIT)  MG613040T-003(GWIT)  MG613041T-503(GWIT)  MG613356(V0)  MG633659(V0)  MG615560(V0)  MG614871(V0)  MG614705T-003(GWIT)  MG615588(GWIT) Suitable Terminal : Ⓑ  	MG625225(GWIT)  MG635226(V0)  Suitable Housing : MG614705 Suitable Terminal : ST740050, ST740314

【(H) Height Removed Rib:9.1(mm)】

KET ENGINEERED

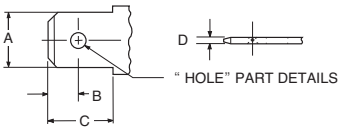
250(Door Lock S/W) CONNECTOR

HOUSING

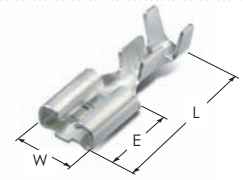
Poles	Female	Male
4	MG612947 (V0) Suitable Terminal : Ⓑ  MG613360(V0)  MG633660(V0)  MG615009(V0)  MG615170(V0) 	
5	MG613042T-505(GWIT)  ■ MG615627-005(GWIT) 	■ MG646067-005(GWIT) 
	MG614706T-005(GWIT)  MG633661(V0) 	MG624831(GWIT) MG634832(V0) 
7	MG615163(V0)  MG635164(V0)  MG615561(V0) 	
	■ MG615627-007(GWIT) 	■ MG646067-007(GWIT) 
10	MG613683FT-010(GWIT) 	

【(H) Height Removed Rib:9.1(mm)】

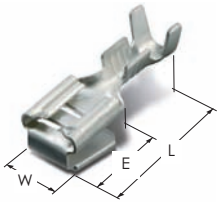
250 CONNECTOR



TAB	A	B	C	D
250	6.35	4.3~4.7	8.0	0.8

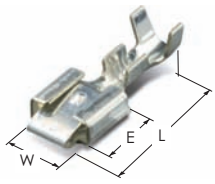
Ⓐ


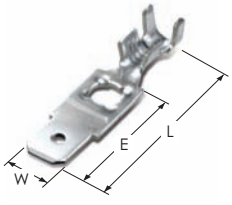
Ⓑ


Ⓒ


Ⓓ


Ⓔ


Ⓕ


Ⓖ


TERMINAL

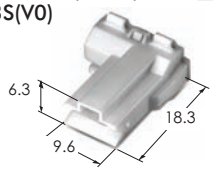
ST730057-6: 0.8T(Tab Thick)

Part No.	Wire Range AWG	Wire Range mm²	Material Finish	Dimension(mm) L	Dimension(mm) E	Dimension(mm) W	Type
ST730173-1	22-18	0.3-0.75	Brass	19.5	7.8	7.6	Ⓐ
ST730173-2			Brass/Tin				
ST730173-3			Pre-Tin				
ST730057-1	18-14	0.75-2.27	Brass	19.5	7.8	7.6	
ST730057-2			Brass/Tin				
ST730057-3			Pre-Tin				
ST730057-6							
ST730135-1	18-14	0.75-2.27	Brass	19.5	7.8	7.6	
ST730135-2			Brass/Tin				
ST730135-3			Pre-Tin				
ST730058-1	14-12	2.0-3.0	Brass	19.5	7.8	7.6	
ST730058-2			Brass/Tin				
ST730136-1	14-12	2.0-3.0	Brass	19.5	7.8	7.6	
ST730136-2			Brass/Tin				
ST730136-3			Pre-Tin				
ST730435-1	#20+20 or 18+22 #18+20 or 18+18 #16+22 or 16+20		Brass	19.5	7.8	7.6	
ST730435-2			Brass/Tin				
ST730449-1	1015 22+20/20+20/20+18 1569 18+18/18+16 1015 14		Brass	19.5	7.8	7.6	
ST730449-2			Brass/Tin				
ST730119-1	18-14	0.75-2.27	Brass	17.0	7.6	7.6	Ⓑ
ST730119-2			Brass/Tin				
ST730190-1	18-12	0.75-3.45	Brass	16.0	7.8	8.1	Ⓓ
ST730190-2			Brass/Tin				
ST730190-3			Pre-Tin				
ST730190-2XL	12-10	3.45-5.27	Brass/Tin	17.0	7.8	8.1	
ST730851-2	18-12	0.75-3.45	Brass/Tin	16.0	7.8	8.1	Ⓔ
ST730851-3			Pre-Tin				
ST730851-2XL	12-10	3.45-5.27	Brass/Tin	17.0	7.8	8.1	
ST730436-1	#20+20 or 18+22 #18+20 or 18+18 #16+22 or 16+20		Brass	16.0	7.8	8.1	Ⓓ
ST730436-2			Brass/Tin				
ST730306-1	18-14	0.75-2.27	Brass	19.2	7.8	7.6	Ⓒ
ST730306-2			Brass/Tin				
ST741080-3	18-14	0.75-2.27	Brass/Tin	31.5	19.8	8.0	Ⓖ
ST730188-1	18-14	0.75-2.27	Brass	20.4	6.5	7.85	Ⓕ
ST730188-2			Brass/Tin				
ST730188-3			Pre-Tin				

HOUSING

1

MG634833ST-002(GWIT)
MG634833S(V0)



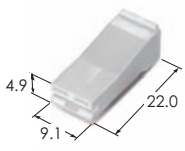
Suitable Terminal : ST730190

■ MG615606(GWIT)



Suitable Terminal : ST730190

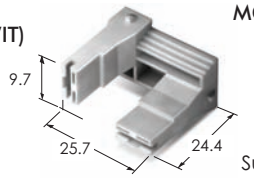
■ MG615609(GWIT)



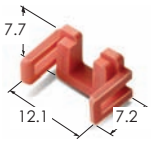
Suitable Terminal : ST730135, 136

2

■ MG634155(V0)
MG634155C-002(GWIT)



MG634746(V0)



Suitable Terminal : ST730135, ST730136

KET ENGINEERED

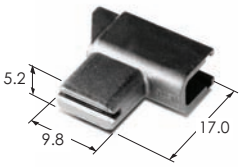
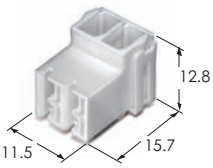
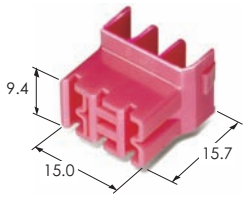
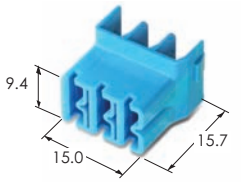
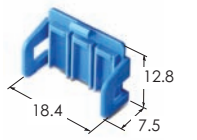
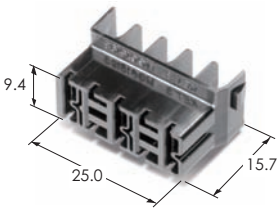
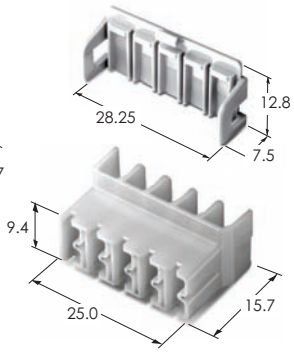
250 CONNECTOR

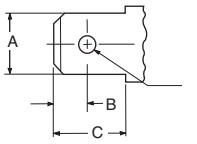


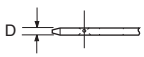
250 HEAT RESISTANT TERMINAL(250℃)

Part No.	Wire Range		Material	Dimension(mm)			Type
	AWG	mm²	Finish	L	E	W	
ST731325-N	20-16	2.3-2.85	SPCC Nickel	14.4	7.8	7.5	

250 HOUSING

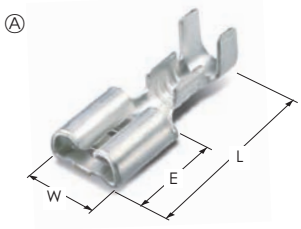
Poles	Female	Poles	Female
1	MG614933R-001(GWIT)  MG634934R-001(GWIT)  	2	MG635689T-002(GWIT)  Suitable Pitch : **5.0mm**
3	MG615390S(GWIT)  MG615390(GWIT)  MG635391(GWIT)  	5	MG615193S(GWIT)  MG615193(GWIT) MG635194(GWIT) 

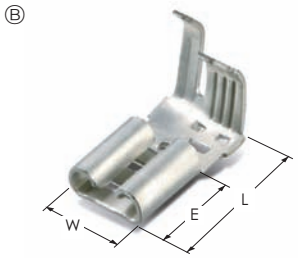




" HOLE" PART DETAILS

TAB	A	B	C	D
205	5.2	3.18	6.35	0.5 0.8





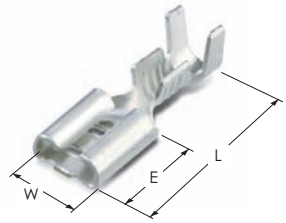
205 TERMINAL

Part No.	Wire Range		Material	Dimension(mm)			Type
	AWG	mm²	Finish	L	E	W	
ST730139-1	26-22	0.12-0.35	Brass	15.4	6.3	6.35	Ⓐ
ST730139-2			Brass/Tin				
ST730019-1	22-18	0.3-0.89	Brass	15.4	6.3	6.35	
ST730019-2			Brass/Tin				
ST730019-4			Brass	15.4	6.3	6.35	
ST730019-5			Brass/Tin				
ST730351-5	U.L 1015 WIRE #20+20 or 18+20 #18+18 or 18+22 #16+22 or 16+20		Brass/Tin	19.5	6.3	6.35	
ST730221-1	20-14	0.5-2.27	Brass	12.2	6.4	6.4	Ⓑ
ST730221-2			Brass/Tin				
ST730221-4			Brass	12.2	6.4	6.4	
ST730221-5			Brass/Tin				

187 CONNECTOR

TERMINAL

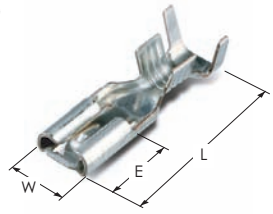
Ⓐ



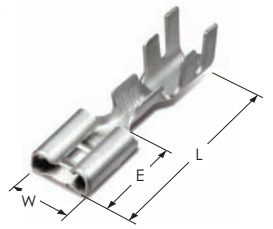
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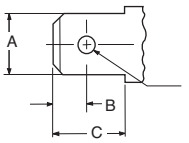
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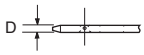


Ⓓ



Part No.	Wire Range		Material	Dimension(mm)			Type
	AWG	mm²	Finish	L	E	W	
ST730147-1	26-22	0.12-0.35	Brass	15.4	6.3	5.8	Ⓐ
ST730147-2			Brass/Tin				
ST730093-1	22-18	0.3-0.89	Brass	15.4	6.3	5.8	
ST730093-2			Brass/Tin				
ST730245-1	20-16	0.5-1.25	Brass	15.4	6.3	5.8	
ST730245-2			Brass/Tin				
ST730245-3			Pre-Tin	15.4	6.3	5.8	
ST730245-4			Brass				
ST730245-5			Brass/Tin				
ST730191-1	U.L 1015 WIRE #20+20 or 18+22 #18+18 or 18+20 #16+22 or 16+20		Brass Brass/Tin	19.5	6.3	5.8	
ST730191-2							
ST730191-4			Brass Brass/Tin	19.5	6.3	5.8	
ST730191-5							
ST730724-1			Brass Brass/Tin	15.4	6.3	5.8	
ST730724-2							
ST730220-1	20-16	0.5-1.42	Brass Brass/Tin	12.2	6.4	5.6	Ⓑ
ST730220-2							
ST730220-4			Brass Brass/Tin	12.2	6.4	5.6	
ST730220-5							
ST731017-6	22-20	0.3-0.56					
ST730451-1	18+18	0.89+0.89	Brass Brass/Tin	12.2	6.4	5.6	
ST730451-2							
ST730494-3	20-16	0.5-1.25	Brass Pre-Tin	18.0	6.0	5.7	Ⓒ
ST730526-3	18+18	0.89+0.89	Brass Pre-Tin	18.0	6.0	5.7	
■ ST731235-2	20-18	0.5-0.85	Brass Pre-Tin	18.4	6.3	5.9	Ⓓ
■ ST731236-2	20+20 18+18	1.0-1.5	Brass Pre-Tin	18.4	6.3	5.9	

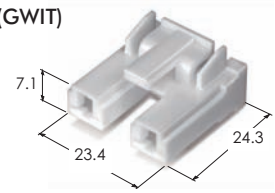
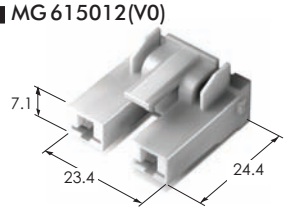
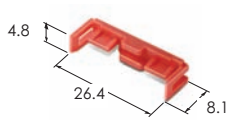
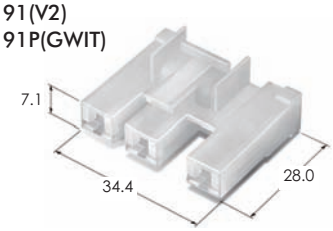
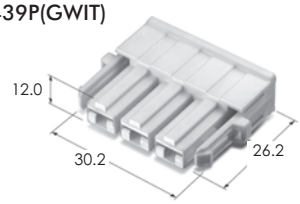
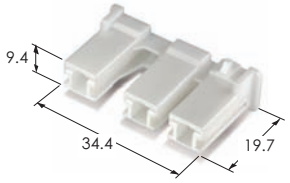




" HOLE" PART DETAILS

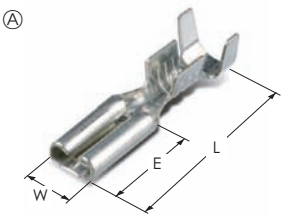
TAB	A	B	C	D
187	4.75	3.18	6.35	0.5

HOUSING

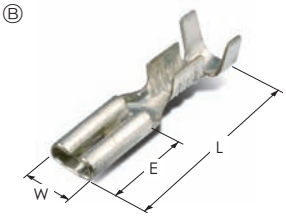
Poles	Female
2	MG610455R(V0) MG610455T-002(GWIT)  Suitable Terminal : ST730245, ST730191 ■ MG615012(V0)  Suitable Terminal : ST731235, ST731236 MG635013(V0) 
3	MG611191(V2) MG611191P(GWIT)  Suitable Terminal : ST730245, ST730191 MG610439(V0) MG610439P(GWIT)  Suitable Terminal : ST730494 , ST730526 ● MG615601(GWIT)  Suitable Terminal : ST730245

110 CONNECTOR

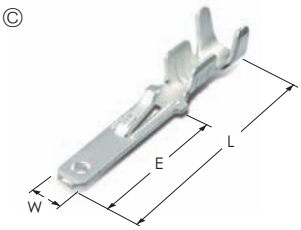
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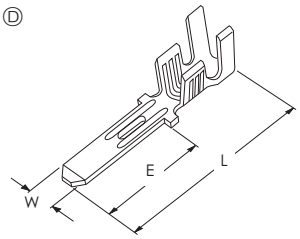
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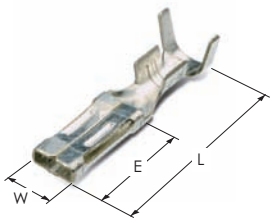
Ⓒ



Ⓓ

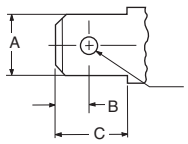


Ⓔ



TERMINAL

Part No.	Wire Range AWG	Wire Range mm²	Material Finish	Dimension(mm) L	Dimension(mm) E	Dimension(mm) W	Type
◈ ST730128-1	28-24	0.08-0.22	Brass	15.4	6.3	3.8	Ⓐ
ST730128-3			Pre-Tin				
◘ ST730012-1	24-20	0.2-0.56	Brass	15.4	6.3	3.8	
■ ST730012-3			Pre-Tin				
◘ ST730052-1	20-16	0.5-1.4	Brass	15.4	6.3	3.8	
■ ST730052-3			Pre-Tin				
○ ST730052-4			Brass	15.4	6.3	3.8	
○ ST730052-6			Pre-Tin				
ST731019-3	20-16	0.5-1.4	Brass	15.4	6.3	3.8	
			Pre-Tin				
ST731032-3	26-22	0.13-0.3	Brass	17.0	6.3	3.8	
			Pre-Tin				
◘ ST730099-1	20-16	0.51-1.42	Brass	15.4	6.3	3.8	Ⓑ
■ ST730099-3			Pre-Tin				
ST731031-3	26-22	0.13-0.3	Brass	15.4	6.3	3.8	
			Pre-Tin				
◘ ST740144-1	22-18	0.3-0.85	Brass	20.6	12.0	2.8	Ⓒ
◘ ST740144-2			Brass/Tin				
◇ ST740358-1	22-18	0.3-0.85	Brass	20.6	12.0	2.8	Ⓓ
◇ ST740358-2			Brass/Tin				
ST730912-3	24-20	0.22	Pre-Tin	15.2	7.5	3.8	Ⓔ
ST730629-3	18-16	0.5	Pre-Tin	15.2	7.5	3.8	

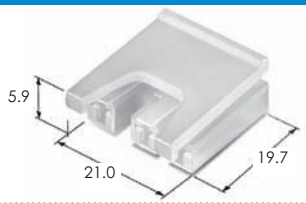


" HOLE" PART DETAILS

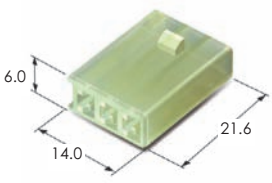
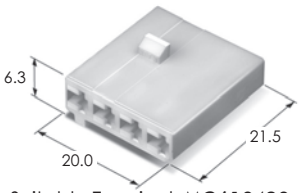
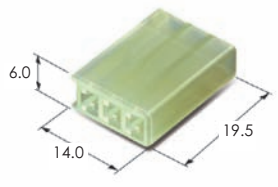
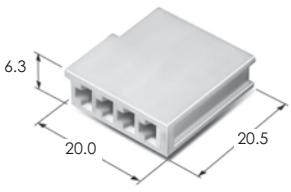
TAB	A	B	C	D
110	2.79	1.3~1.8	7.11	0.5 0.8

HOUSING

Poles	Female
3	MG610815(V2) MG610815R(V0) Suitable Terminal : ST730629, ST730908, ST730912



DOOR S/W

Poles	Female			
3/4	■ MG610421(V2)	■ MG610420(V0) MG610565(V0)	◘ MG610087(V2)	■ MG610593(V0) MG610593T(GWIT)
				
	Suitable Terminal: Ⓑ Type	Suitable Terminal: MG610420 Ⓑ Type MG610565 Ⓐ Type	Suitable Terminal: Ⓑ Type	Suitable Terminal : Ⓑ Type

110 WP CONNECTOR

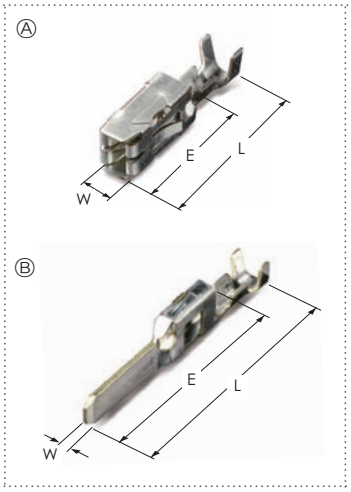
▶ HIGH CONTACT RELIABILITY FOR ALTERNATING MOTION
High contact reliability against vibration & alternating motion.

▶ WATER PROOF SYSTEM
This connector provides water-proof feature inside & outside with inner seal and O-ring.

▶ SECONDARY RETAINER
The secondary retainers are preventing from partial insertion or accidental release of the contact.
Double lock structure for reliable terminal insertion



TERMINAL

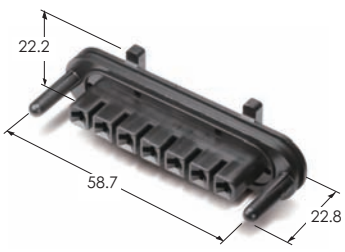


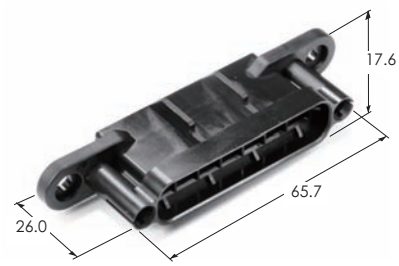
Part No.	Wire Range		Material	Dimension(mm)			Type
	AWG	mm²	Finish	L	E	W	
ST731371-3	24-22	0.22-0.34	Copper Alloy/ Pre-Tin	13.8	7.5	3.0	Ⓐ
ST731372-3	24+24 22+22	0.22+0.22 0.34+0.34	Copper Alloy/ Pre-Tin	13.8	7.5	3.0	
ST741343-3	24-22	0.22-0.34	Brass / Pre-Tin	22.9	16.1	0.6	Ⓑ

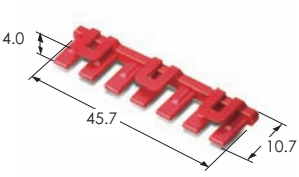


HOUSING

Poles	Female	Male	Rear Holder
7	MG615559(V0)	MG625430(V0)	MG635611(V0)







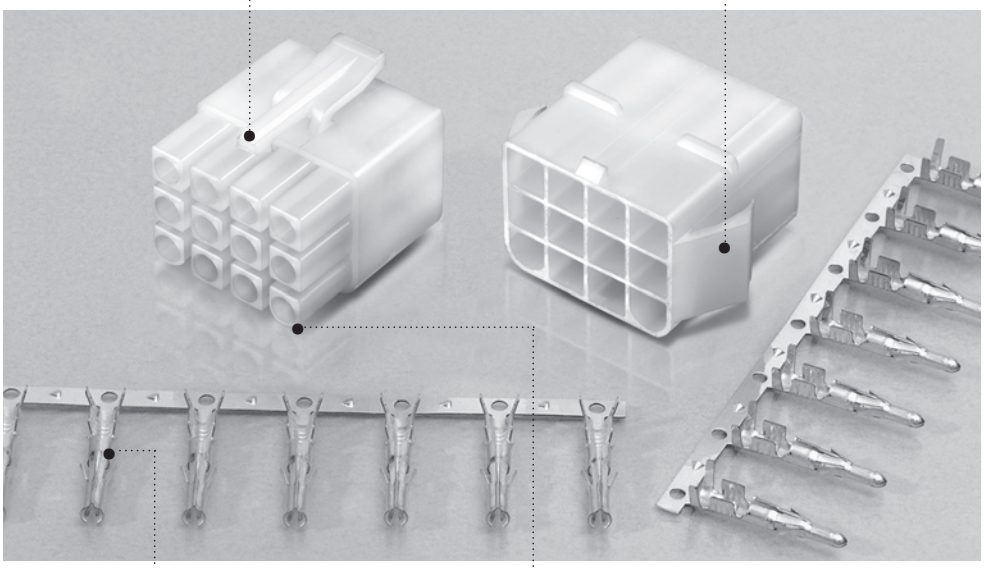
Ø2.0 & Ø1.3 CONNECTOR

PRODUCTS AND APPLICATION

These products easily adapt terminals and housings and can be used in both single and multiple connectors. Since internal connections of electrical appliances are becoming increasingly sophisticated, connectors are becoming smaller and lighter yet maintaining higher reliabilities.

Recognized File No. E 101181	Certified File No. LR 61076	TÜV Licensed File No. R 50310386(Ø1.3) File No. R 50310398(Ø2.0) (Conforms to DIN/VDE 0627)

FEATURES



Ø2.0 & Ø1.3 CONNECTOR

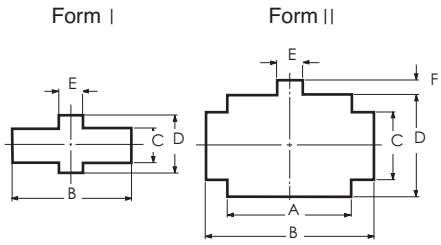
PANEL HOLE DIMENSIONS

Panel hole dimensions are different according to number of circuits and type of housing.
Punch hole per drawing is as below, not leaving any burr.

HOUSING FOR Ø2.0 PIN TERMINAL

Applicable panel thickness:0.8~2.0mm

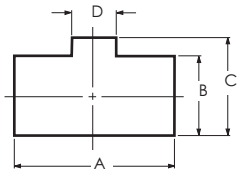
Poles	Housing Part No.	Applicable hole form	Panel hole dimensions(mm) Tolerance ±0.13					
			A	B	C	D	E	F
2	MG620007	I		18.8	7.8	11.0	3.7	
3	MG620009	I		25.0	7.8	11.0	3.7	
4	MG620011	I		31.2	7.8	11.0	3.7	
4	MG620013	II	13.8	18.8	9.4	14.1	4.0	1.6
6	MG620015	II	20.0	25.0	9.4	14.1	4.0	1.6
9	MG620017	II	20.0	25.0	9.4	20.3	4.0	1.6
12	MG620019	II	26.2	31.2	12.8	20.3	4.0	1.6
15	MG620021	II	32.4	37.4	12.8	20.3	4.0	1.6



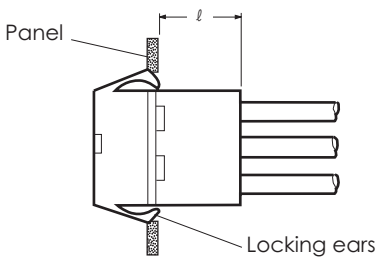
HOUSING FOR Ø1.3 PIN TERMINAL

Applicable panel thickness:0.8~2.4mm

Poles	Housing Part No.	Panel hole dimensions(mm) Tolerance ±0.13			
		A	B	C	D
2	MG620023	15.0	6.0	6.85	5.2
3	MG620025	19.7	6.0	6.85	5.2
4	MG620027	24.2	6.0	6.85	5.2
6	MG620029	19.7	10.2	11.1	5.2
9	MG620031	19.7	14.8	15.7	5.2
12	MG620033	24.2	14.8	15.7	5.2
15	MG620035	28.7	14.8	15.7	5.2



PANEL MOUNTING



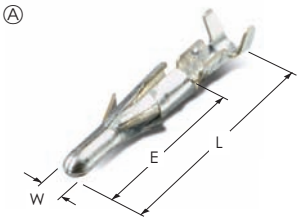
APPLICATION	" ℓ "(mm)
Housing For Ø2.0 Pin Term	14.5
Housing For Ø1.3 Pin Term	11.0

For Panel mounting, insert receptacle straight through mounting hole until both locking ears snap against the sides of the panel hole as shown.

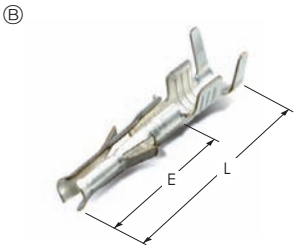
Ø2.0 CONNECTOR

TERMINAL

Ⓐ

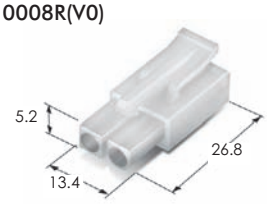
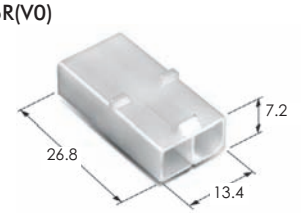
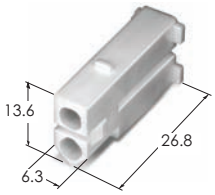
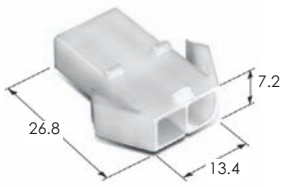
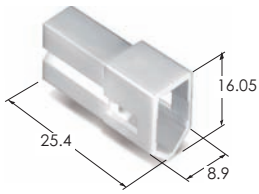
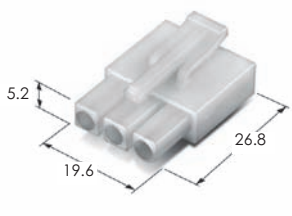
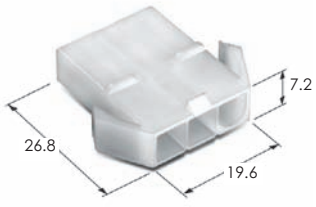
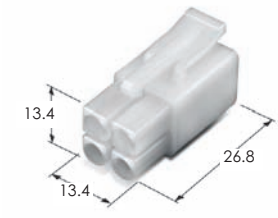
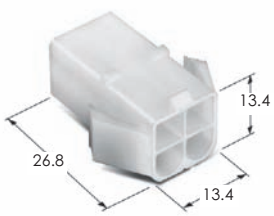


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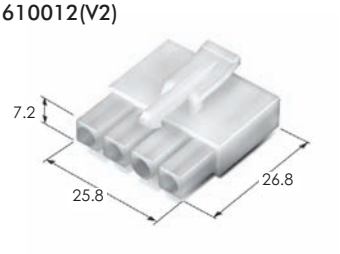
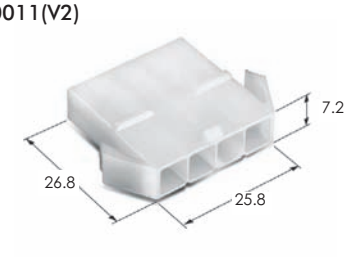
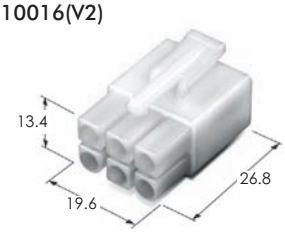
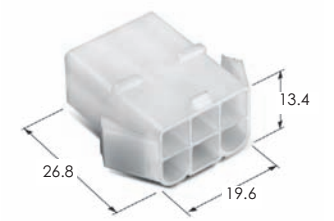
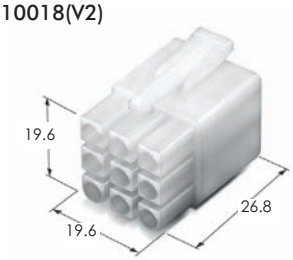
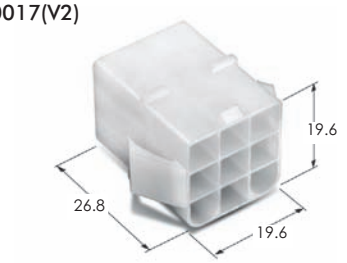
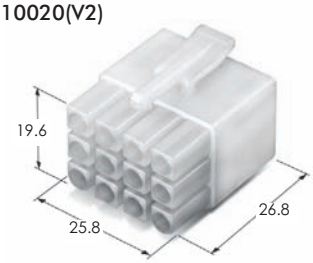
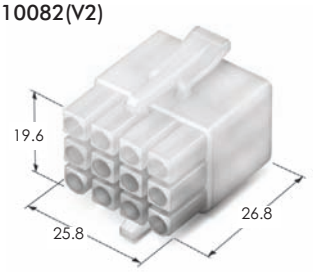
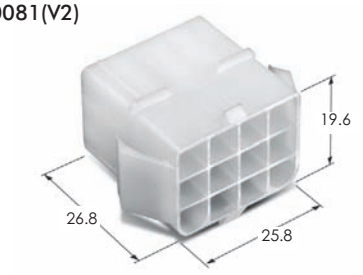
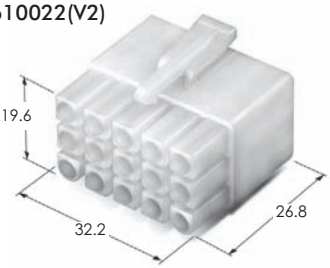
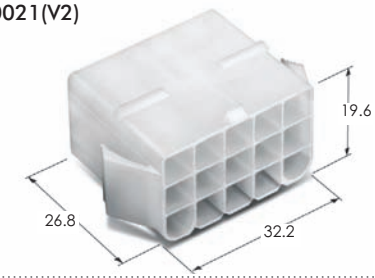
Part No.	Description	Wire Range AWG(mm²)	Material / Finish	Dimension(mm) L	E	W	Type
ST750207-3	2.0 Pin Small Wire	24-20 (0.2-0.5)	Brass / Pre-Tin	20.3	12.6	2.0	Ⓐ
ST750208-3	2.0 Pin Heavy Wire	18-14 (0.75-2.0)	Brass / Pre-Tin	20.3	12.6	2.0	
ST750330-3	2.0 Pin 2 Wire	20+20 20+18 20+16 18+18	Brass / Pre-Tin	20.3	12.6	2.0	
ST730205-3	2.0 Rec. Small Wire	24-20 (0.2-0.5)	Brass / Pre-Tin	20.3	12.6		Ⓑ
ST730206-3	2.0 Rec. Heavy Wire	18-14 (0.75-2.0)	Brass / Pre-Tin	20.3	12.6		
ST730329-3	2.0 Rec. 2 Wire	20+20 20+18 20+16 18+18	Brass / Pre-Tin	20.3	12.6		

HOUSING

Poles	Voltage rating	Current rating	Female	Male
2	300	15	MG610008(V2) MG610008R(V0) 	MG620006(V2) MG620006R(V0) 
			MG614501T-002(GWIT) 	MG620007(V2)  MG625486-002(GWIT) 
3	300	14	MG610010(V2) 	MG620009(V2) 
4	300	13	MG610014(V2) 	MG620013(V2) 

Ø2.0 CONNECTOR

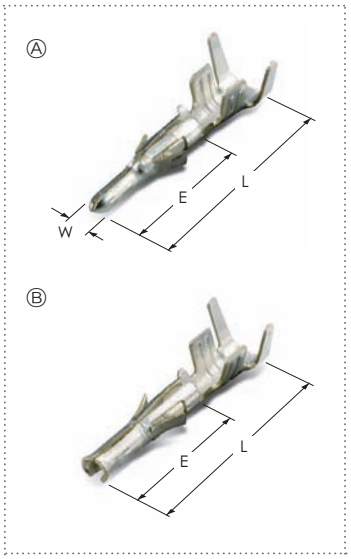
HOUSING

Poles	Voltage rating	Current rating	Female	Male
4	300	13	MG 610012(V2) 	MG 620011(V2) 
6	300	12	MG 610016(V2) 	MG 620015(V2) 
9	300	10	MG 610018(V2) 	MG 620017(V2) 
12	300	9	MG 610020(V2) 	MG 620019(V2) 
			MG 610082(V2) 	MG 620081(V2) 
15	300	9	MG 610022(V2) 	MG 620021(V2) 

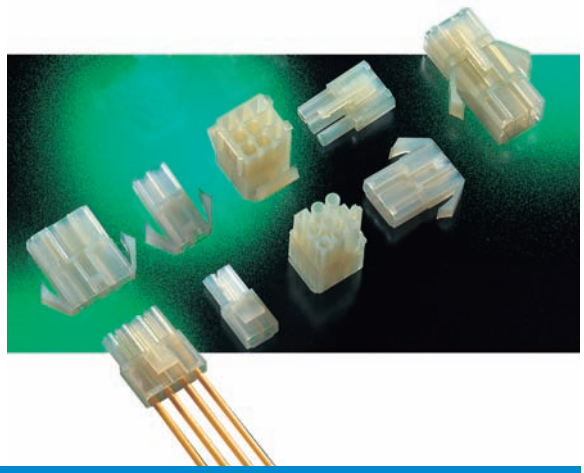
Note : Housing for Ø2.0 Pin Term, can be used either panel mounting or free hanging.
For panel mounting hole refer to page 000. U.L. approval is not available for P/N MG610082 & MG620081

Ø1.3 CONNECTOR

TERMINAL

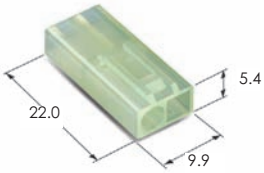
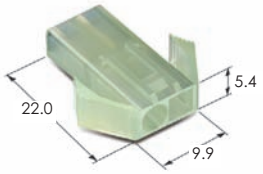
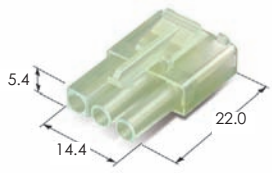
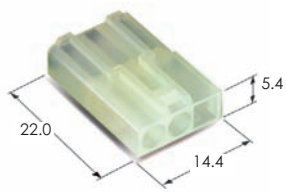
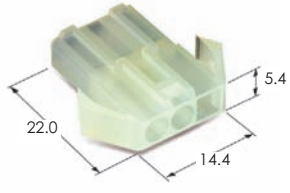
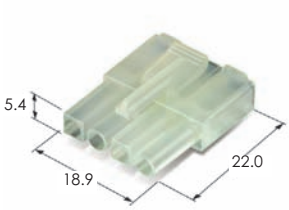
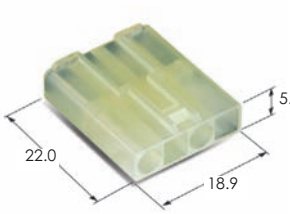
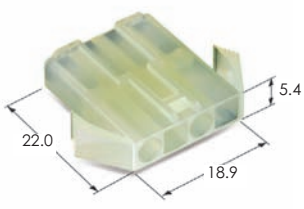


Part No.	Description	Wire Range AWG(mm²)	Material / Finish	Dimension(mm) L	E	W	Type
◇ ST750293-3	Ø 1.3 Pin Small Wire	26-22 (0.13-0.3)	Brass Pre-Tin	15.3	9.0	1.3	Ⓐ
◈ ST750294-3	Ø 1.3 Pin Heavy Wire	20-16 (0.5-1.25)	Brass Pre-Tin	15.3	9.0	1.3	Ⓐ
◇ ST730291-3	Ø 1.3 Rec. Small Wire	26-22 (0.13-0.3)	Brass Pre-Tin	15.3	9.0	-	Ⓑ
◈ ST730292-3	Ø 1.3 Rec. Heavy Wire	20-16 (0.5-1.25)	Brass Pre-Tin	15.3	9.0	-	Ⓑ



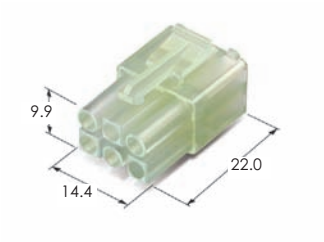
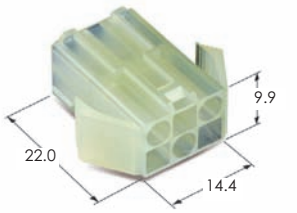
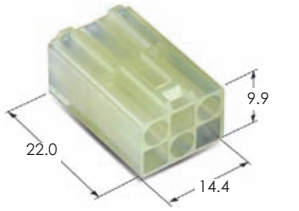
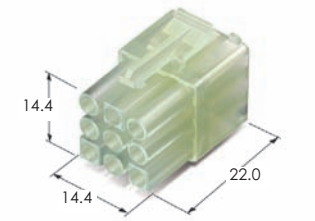
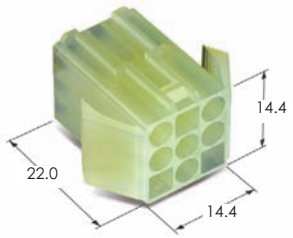
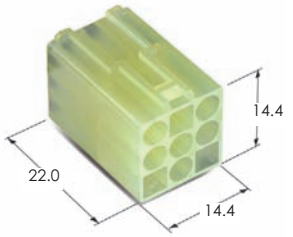
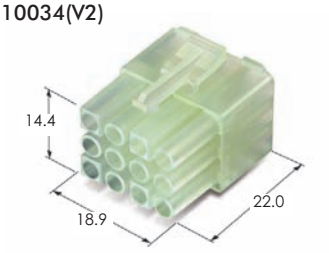
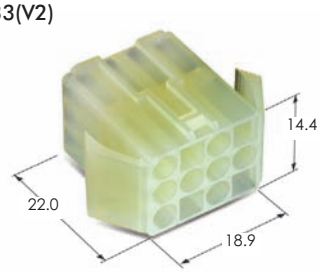
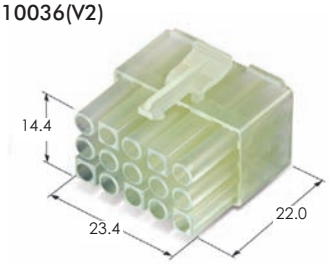
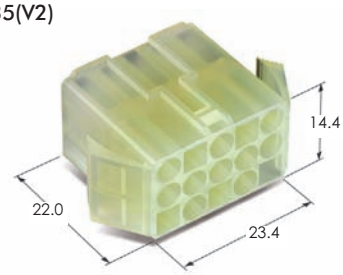
- Maximum effectiveness in application of relay & panel type connectors for home appliances and effectiveness in circuit construction and housing capacity with double crimping.
- Wide-range in environmental applications and also economical.
- Application:microwave oven, laundry machine, refrigerator, boiler.

HOUSING

Poles	Voltage rating	Current rating	Female	Male
2	300	10	◈ MG 610024(V2) MG 610024R(V0) MG 610024T-002(GWIT) 	MG 620440(V2) MG 620440R(V0) MG 620440T-002(GWIT)  ◈ MG 620023(V2) MG 620023R(V0) MG 620023T-002(GWIT) 
3	300	10	◈ MG 610026(V2) 	MG 623377(V2)  ◇ MG 620025(V2) 
4	300	10	◈ MG 610028(V2) 	◇ MG 620052(V2)  ◈ MG 620027(V2) 

Ø1.3 CONNECTOR

HOUSING

Poles	Voltage rating	Current rating	Female	Male
6	300	8	MG 610030(V2) 	MG 620029(V2)  ○ MG 621282(V2) 
9	300	6	MG 610032(V2) 	MG 620031(V2)  ○ MG 620201(V2) 
12	300	6	MG 610034(V2) 	MG 620033(V2) 
15	300	6	MG 610036(V2) 	MG 620035(V2) 

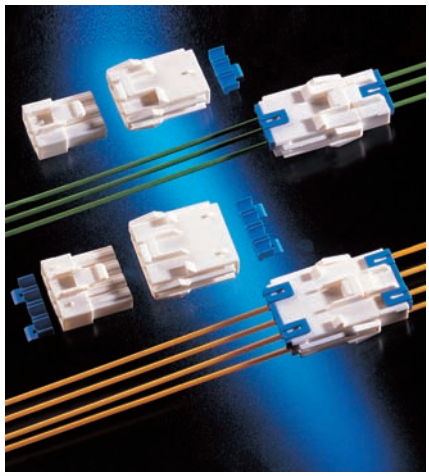
Note : Housing for Ø1.3 Pin Term, of any circuit can be used either panel mounting or free hanging.
For panel mounting hole refer to page 000. The receptacle housings without wing are not listed on U.L. yet.

3220 CONNECTOR

PRODUCTS AND APPLICATION

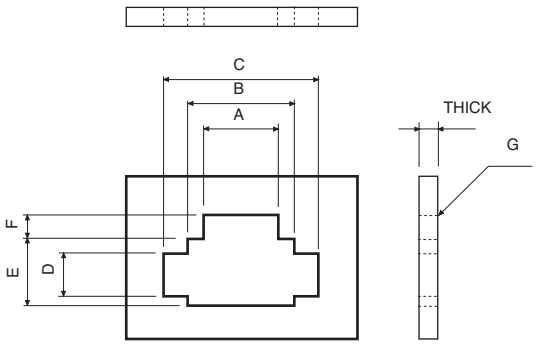
- Connector for high voltage application with its large contact area.
- Employed rear holder to prevent terminals from incomplete locking.
- With minimum exposure, it protects wings from damage.
- Application : Compressor in air conditioner, motor part in Industrial refrigerator.

Current Rating		20A AC. DC
Voltage Rating		600V AC/DC
Temperature Range		−40℃~+120℃
Contact Resistance		3mΩ Max (Initial Value)
		6mΩ Max (Initial Value)
Insulation Resistance		1,000MΩ Min
Dielectric Strength		AC 2,500(V/MIN. Initial Value)
Wire Size		AWG #22-#12(0.5mm²-3.5mm²)
Material	HS'G	PBT 94V-0 PET+PC GWIT
	R/H	PBT 94V-0
	TM'L	TAB: Brass Pre-Tin REC. : Phos.Bronze Pre-Tin



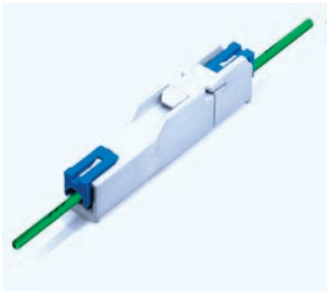
PANEL HOLE DIMENSIONS

Poles	Part Number	Material	Panel hole dimensions(mm) Tolerance ±0.10							
			THICK	A	B	C	D	E	F	G
2	MG620874P	Plastic	0.8-1.7	10.0	13.9	20.5	5.5	8.7	3.0	0.2-0.3
			1.8-2.4				6.5			
		Steel	0.8-1.7				6.3			
			1.8-2.4				6.5			
3	MG620877P	Plastic	0.8-1.7	10.0	20.1	26.7	5.5	8.7	3.0	0.2-0.3
			1.8-2.4				6.5			
		Steel	0.8-1.7				6.3			
			1.8-2.4				6.5			
4	MG620980	Plastic	0.8-1.7	22.4	26.3	32.9	5.5	8.7	3.0	0.2-0.3
			1.8-2.4				6.5			
		Steel	0.8-1.7				6.3			
			1.8-2.4				6.5			
6	MG620994	-	1.8-2.4	10.1	20.1	26.7	6.7	15.7	3.0	0.2-0.3



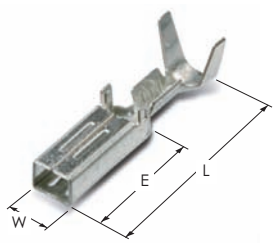
3220 CONNECTOR

- These connectors are used in industrial equipments and home appliances such as microwave ovens, laundry machines and refrigerators.
- They are suitable for connecting mid and high current carrying circuits, and are available both in relay models and panel-mounting models.
- Rear holders are fitted to structures to prevent incomplete terminal locking or non-insertion.
- Terminals are designed as a box-type structures to improve contact and electrical reliability.
- The Push-Pull Locking structure prevents arm-locking in housing locking types.

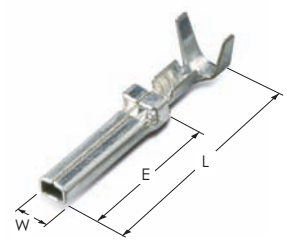


TERMINAL

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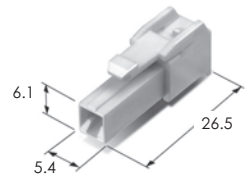
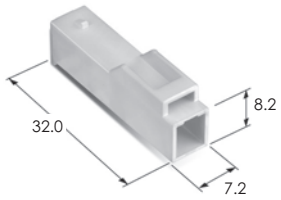
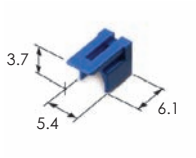
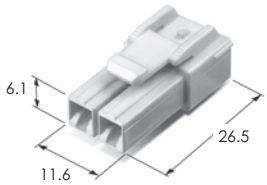
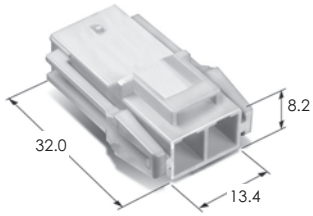
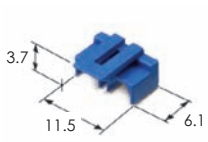
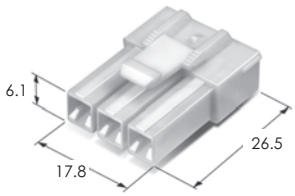
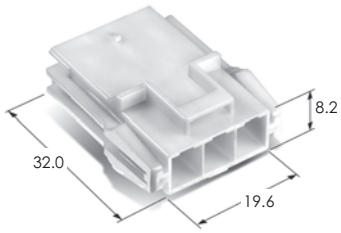
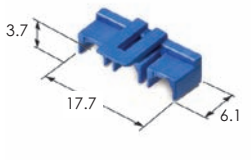
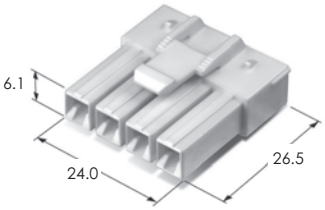
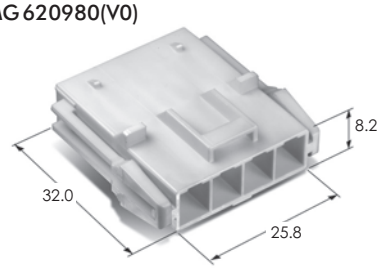
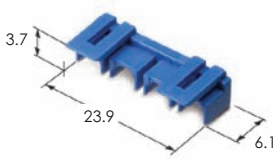
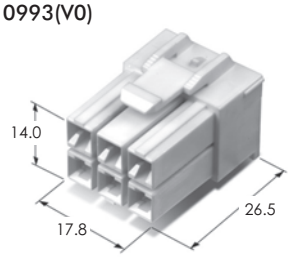
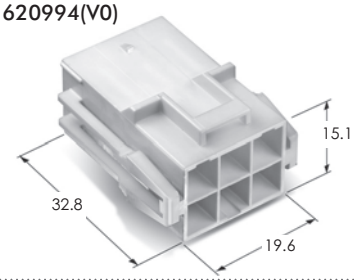
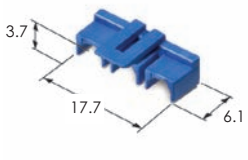


Part No.	Wire Range		Material	Dimension(mm)			Type
	AWG	mm²	Finish	L	E	W	
■ ST730641-3	22-18	0.3-0.75	Phos.Bronze/ Pre-Tin	19.4	8.5	4.1	Ⓐ
■ ST730638-3	16-14	1.25-2.0	Phos.Bronze/ Pre-Tin	19.4	8.5	4.1	
ST730639-3	12	3.5	Phos.Bronze/ Pre-Tin	19.4	8.5	4.1	
■ ST730681-3	20+20 20+18 20+16 18+18	0.5+0.5 0.5+0.75 0.75+1.25 0.75+0.75	Phos.Bronze/ Pre-Tin	19.4	8.5	4.1	
■ ST740637-3	22-18	0.3-0.75	Brass Pre-Tin	23.2	11.0	3.2	Ⓑ
■ ST740634-3	16-14	1.25-2.0	Brass Pre-Tin	23.2	11.0	3.2	
ST740635-3	12	3.5	Brass Pre-Tin	23.2	11.0	3.2	
■ ST740682-3	20+20 20+18 20+16 18+18	0.5+0.5 0.5+0.75 0.75+1.25 0.75+0.75	Brass Pre-Tin	23.2	11.0	3.2	

KET ENGINEERED

3220 CONNECTOR

HOUSING

Poles	Female	Male	Rear Holder
1	■ MG 610981(V0) 	■ MG 620982(V0) 	■ MG 630989-2 (V0) 
2	■ MG 610873P(GWIT) 	■ MG 620874P(GWIT) 	■ MG 630875-2(V0) 
3	■ MG 610876P(GWIT) 	■ MG 620877P(GWIT) 	■ MG 630878-2(V0) 
4	■ MG 610979(V0) 	■ MG 620980(V0) 	■ MG 630986-2(V0) 
6	■ MG 610993(V0) 	■ MG 620994(V0) 	■ MG 630878-2(V0) 

NEW 3220 CONNECTOR

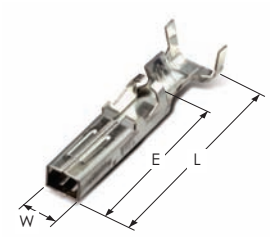
PRODUCTS AND APPLICATION

Current Rating		15A
Voltage Rating		600V AC/DC
Temperature Range		-40℃~+105℃
Contact Resistance		3mV/A Min. (Initial Value)
		6mV/A Min. (After Environmental Testing)
Insulation Resistance		1,000MΩ Min /100MΩ Min
Dielectric Strength		AC 2,500(V/MIN. Initial Value)
Wire Size		AWG #20-14/#20+20/#18+18
Material	HS'G	PET+PC(GWIT)
	R/H	PA66(V0)
	TM'L	TAB: Brass/Pre-Tin REC. : Phos.Bronze/Pre-Tin

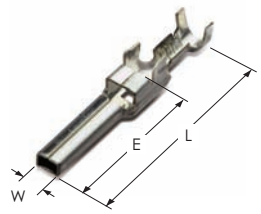


TERMINAL

Ⓐ

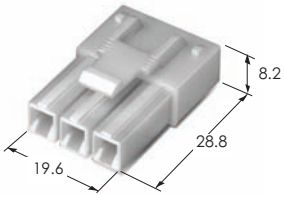
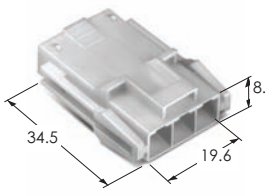
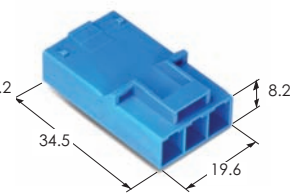
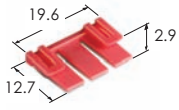


Ⓑ



Part No.	Wire Range		Material	Dimension(mm)			Type
	AWG	mm²	Finish	L	E	W	
■ ST731245-3	20-18	0.5-0.85	Phos.Bronze/ Pre-Tin	23.6	15.1	4.1	Ⓐ
■ ST731246-3	16-14	1.25-2.0	Phos.Bronze/ Pre-Tin	23.6	15.1	4.1	
■ ST731247-3	20+20 18+18	0.5+0.5 0.85+0.85	Phos.Bronze/ Pre-Tin	23.6	15.1	4.1	
■ ST741248-3	20-18	0.5-0.85	Brass / Pre-Tin	27.0	18.5	3.2	Ⓑ
■ ST741249-3	16-14	1.25-2.0	Brass / Pre-Tin	27.0	18.5	3.2	
■ ST741250-3	20+20 18+18	0.5+0.5 0.85+0.85	Brass / Pre-Tin	27.0	18.5	3.2	

HOUSING

Poles	Female	Male		Rear Holder
	■ MG 615042(GWIT)	■ MG 625040(GWIT)	■ MG 625041(GWIT)	MG 635043(V0)
3				

0709 MULTI CONNECTOR

PRODUCTS AND APPLICATION

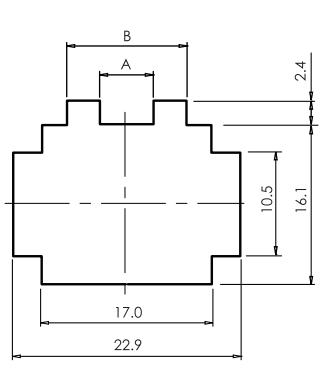
HOUSING	Material:PBT/PET+PC(GWIT) Available in 3, 4, 6 circuits. Can be used either panel mounting or free hanging
TERMINAL	Material RECEPTACLE → COPPER ALLOY TAB → BRASS Available in two sizes for wire 0.2~2.0mm²(AWG 24~14)



Temperature Range	-40℃~+105℃
Current Rating	15A(Max)
Voltage Drop	3(mV/A)MAX.(Initial Value)
Insulation Resistance	1,000(MΩ)/DC500(V)
Dielectric Strength	AC2,500(V/MIN. Initial Value)

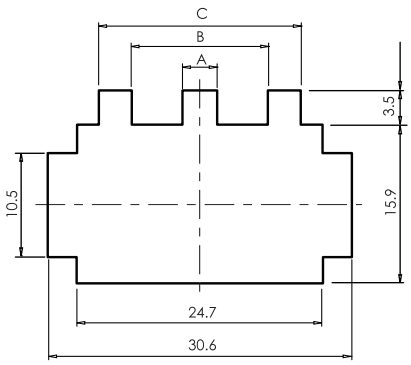
PANEL HOLE DIMENSIONS

Panel hole dimensions are different according to number of circuits and type of housing.
Punch hole per drawing is as below, not leaving any burr.



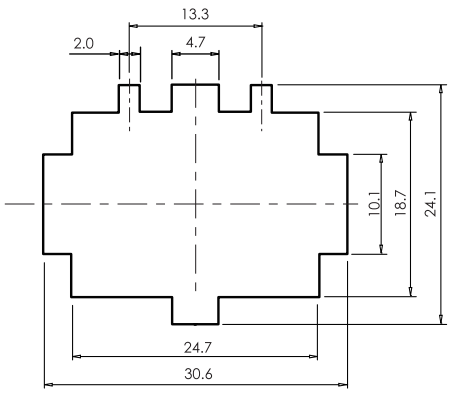
4P

Part Number	A	B
MG621223/1223T	5.3	12.1
MG621223D	7.1	10.3
MG621223DT	6.7	10.7



6P(A-Type)

Part Number	A	B	C
MG622537/2537T	3.4	13.6	20.4
MG621224/2537D	1.6	15.4	18.6
MG622537DT	1.9	15.1	18.9



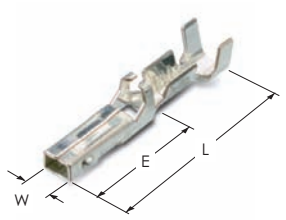
6P(B-Type)

Part Number
MG623697/3697T

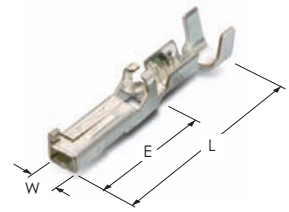
0709 MULTI CONNECTOR

070 TERMINAL

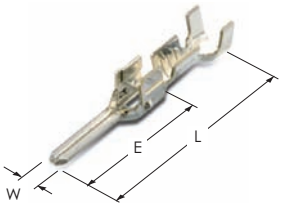
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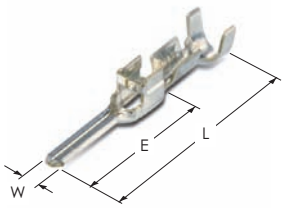
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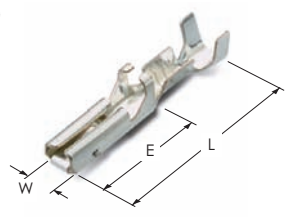


Part No.	Wire Range		Material	Dimension(mm)			Type
	AWG	mm^2	Finish	L	E	W	
ST731291-3	24-22	0.2-0.3	Copper Alloy Pre-Tin	19.1	10.0	3.0	
ST730837-3	22-20	0.3-0.5	Copper Alloy Pre-Tin	19.1	10.0	3.0	
ST730838-3	20-18	0.5-0.75	Copper Alloy Pre-Tin	19.1	10.0	3.0	Ⓐ
ST730839-3	16-14	1.25-2.0	Copper Alloy Pre-Tin	19.1	10.0	3.0	
ST730840-3	20+20~18+18	0.5+0.5~0.75+0.75	Copper Alloy Pre-Tin	19.1	10.0	3.0	
ST731292-3	24-22	0.2-0.3	Copper Alloy Pre-Tin	19.1	10.0	3.0	
ST730841-3	22-20	0.3-0.5	Copper Alloy Pre-Tin	19.1	10.0	3.0	
ST730842-3	20-18	0.5-0.75	Copper Alloy Pre-Tin	19.1	10.0	3.0	Ⓑ
ST730843-3	16-14	1.25-2.0	Copper Alloy Pre-Tin	19.1	10.0	3.0	
ST730844-3	20+20~18+18	0.5+0.5~0.75+0.75	Copper Alloy Pre-Tin	19.1	10.0	3.0	
ST741295-3	24-22	0.2-0.3	Brass Pre-Tin	22.5	13.4	1.8	
ST740829-3	22-20	0.3-0.5	Brass Pre-Tin	22.5	13.4	1.8	
ST740830-3	20-18	0.5-0.75	Brass Pre-Tin	22.5	13.4	1.8	Ⓒ
ST740831-3	16-14	1.25-2.0	Brass Pre-Tin	22.5	13.4	1.8	
ST740832-3	20+20~18+18	0.5+0.5~0.75+0.75	Brass Pre-Tin	22.5	13.4	1.8	
ST741296-3	24-22	0.2-0.3	Brass Pre-Tin	22.5	13.4	1.8	
ST740833-3	22-20	0.3-0.5	Brass Pre-Tin	22.5	13.4	1.8	
ST740834-3	20-18	0.5-0.75	Brass Pre-Tin	22.5	13.4	1.8	Ⓓ
ST740835-3	16-14	1.25-2.0	Brass Pre-Tin	22.5	13.4	1.8	
ST740836-3	20+20~18+18	0.5+0.5~0.75+0.75	Brass Pre-Tin	22.5	13.4	1.8	

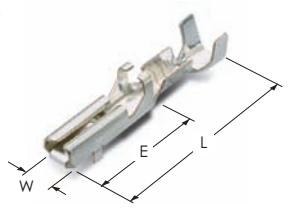
0709 MULTI CONNECTOR

090 TERMINAL

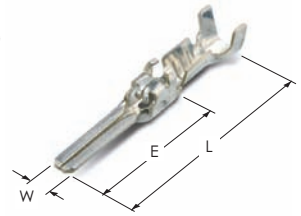
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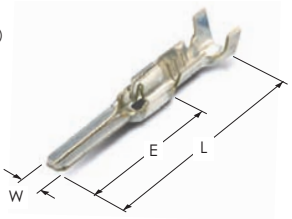
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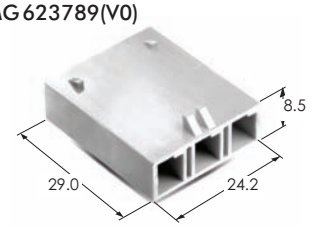
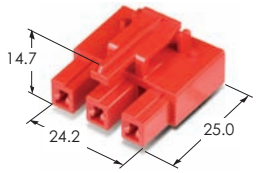
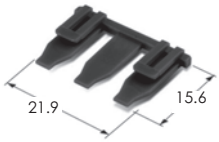
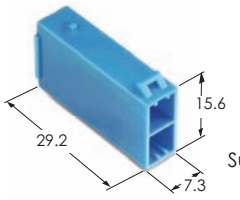
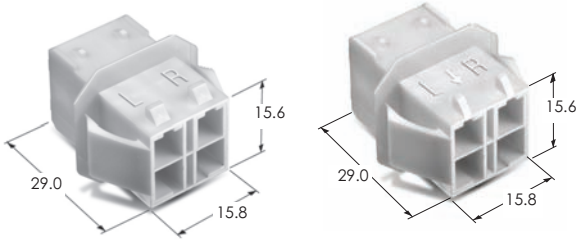
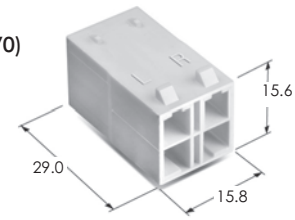
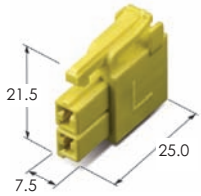
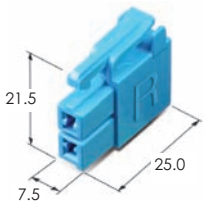
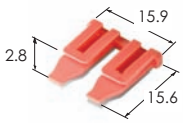
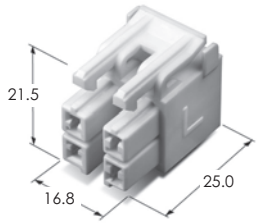


Part No.	Wire Range		Material	Dimension(mm)			Type
	AWG	mm^2	Finish	L	E	W	
ST731293-3	24-22	0.2-0.3	Copper Alloy Pre-Tin	19.2	10.1	3.0	
■ ST730821-3	22-20	0.3-0.5	Copper Alloy Pre-Tin	19.2	10.1	3.0	
■ ST730822-3	20-18	0.5-0.75	Copper Alloy Pre-Tin	19.2	10.1	3.0	Ⓐ
■ ST730823-3	16-14	1.25-2.0	Copper Alloy Pre-Tin	19.2	10.1	3.0	
■ ST730824-3	20+20~18+18	0.5+0.5~0.75+0.75	Copper Alloy Pre-Tin	19.2	10.1	3.0	
ST731294-3	24-22	0.2-0.3	Copper Alloy Pre-Tin	19.2	10.1	3.0	
▲ ST730825-3	22-20	0.3-0.5	Copper Alloy Pre-Tin	19.2	10.1	3.0	
▲ ST730826-3	20-18	0.5-0.75	Copper Alloy Pre-Tin	19.2	10.1	3.0	Ⓑ
▲ ST730827-3	16-14	1.25-2.0	Copper Alloy Pre-Tin	19.2	10.1	3.0	
▲ ST730828-3	20+20~18+18	0.5+0.5~0.75+0.75	Copper Alloy Pre-Tin	19.2	10.1	3.0	
ST741295-3	24-22	0.2-0.3	Brass Pre-Tin	22.5	13.4	1.8	
ST741297-3	24-22	0.2-0.3	Brass Pre-Tin	22.6	13.5	2.3	
▲ ST740812-3	22-20	0.3-0.5	Brass Pre-Tin	22.6	13.5	2.3	
▲ ST740813-3	20-18	0.5-0.75	Brass Pre-Tin	22.6	13.5	2.3	Ⓒ
▲ ST740814-3	16-14	1.25-2.0	Brass Pre-Tin	22.6	13.5	2.3	
▲ ST740815-3	20+20~18+18	0.5+0.5~0.75+0.75	Brass Pre-Tin	22.6	13.5	2.3	
ST741298-3	24-22	0.2-0.3	Brass Pre-Tin	22.6	13.5	2.3	
▲ ST740816-3	22-20	0.3-0.5	Brass Pre-Tin	22.6	13.5	2.3	
▲ ST740817-3	20-18	0.5-0.75	Brass Pre-Tin	22.6	13.5	2.3	Ⓓ
▲ ST740818-3	16-14	1.25-2.0	Brass Pre-Tin	22.6	13.5	2.3	
▲ ST740819-3	20+20~18+18	0.5+0.5~0.75+0.75	Brass Pre-Tin	22.6	13.5	2.3	

0709 MULTI CONNECTOR

- General connector designed stably for mid voltage parts.
- Panel mounting type.
- Multi type connector convenient for main assembling and controlling.
- Preventing false connection with variable-shape terminals.
- Double lock structure for reliable terminal insertion.
- Suitable for freezing, cold storage or machine room.

HOUSING

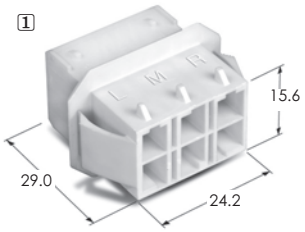
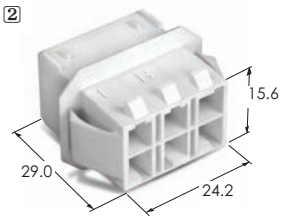
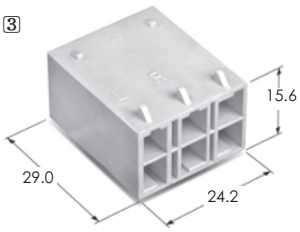
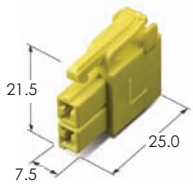
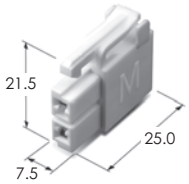
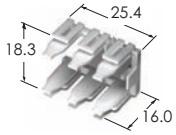
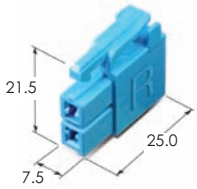
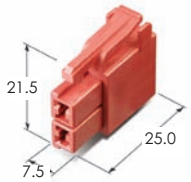
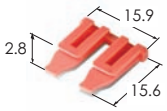
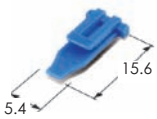
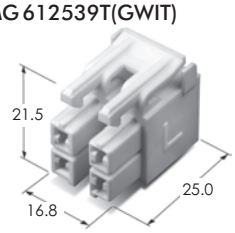
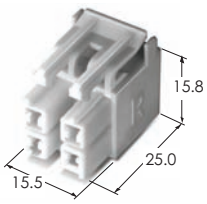
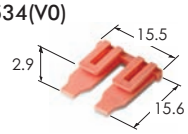
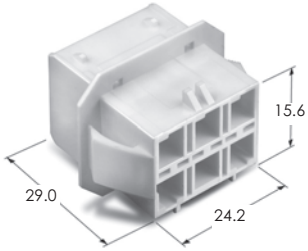
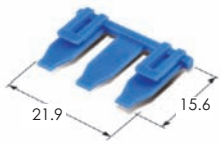
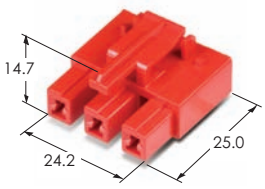
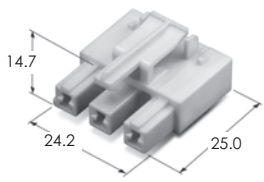
Poles	Female	Male
3	MG 623789(V0)  MG 684552(SEAL)  △ MG 631230(V2)  △ MG 633990(V2)  Suitable Terminal : ST 740829, ST 740830, ST 740831	MG 613699(V0), MG 613699T(GWIT)  MG 684552(SEAL)  △ MG 631230(V2)  △ MG 633990(V2)  Suitable Terminal : ST 730841, ST 730842
4	■ MG 625458(GWIT)  Suitable Terminal : Ⓕ △ MG 621223(V0) ■ MG 621223DT(GWIT) MG 621223D(V0)  MG 622536(V0)  △ MG 631229(V2)  HOLE NO. / APPLICATION TERMINAL TYPE 1 Ⓕ 2 Ⓖ 3 Ⓔ 4 Ⓗ	△ MG 611227(V0) ■ MG 611227T(GWIT)  △ MG 611226(V0) ■ MG 611226T(GWIT)  △ MG 631228(V2)  HOLE NO. / APPLICATION TERMINAL TYPE (L / M / R / II) 1 Ⓓ Ⓑ Ⓐ Ⓒ 2 MG 635178(V0)  ■ MG 612539(V0) ■ MG 612539T(GWIT)  △ MG 631229(V2)  HOLE NO. / APPLICATION TERMINAL TYPE 1 Ⓐ 2 Ⓓ 3 Ⓐ 4 Ⓓ

KET ENGINEERED

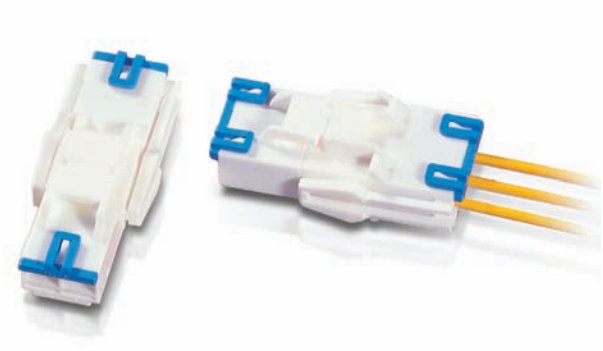
0709 MULTI CONNECTOR



HOUSING

Poles	Female	Male
6	▲ MG 621224(V0)  ■ MG 622537T(GWIT)  MG 622537-D(V0) MG 622537DT(GWIT)  ■ MG 622538(V0)  ▲ MG 631230(V2)  HOLE NO. / APPLICATION TERMINAL TYPE 1 4 Ⓕ Ⓗ Ⓗ 2 5 Ⓔ Ⓕ Ⓕ 3 6 Ⓖ Ⓖ Ⓖ	▲ MG 611227(V0) ■ MG 611227T(GWIT)  ▲ MG 611225(V0)  MG 635592(V0)  Suitable Housing : MG 612539(V0) ■ G 612539T(GWIT) ▲ MG 611226(V0) ■ MG 611226T(GWIT)  ■ MG 612540(V0) ■ MG 612540T(GWIT)  MG 635178(V0)  ▲ MG 631228(V2)  HOLE NO. / APPLICATION TERMINAL TYPE (Ⓛ Ⓜ Ⓡ Ⓘ) 1 Ⓓ Ⓑ Ⓐ Ⓒ 2 ■ MG 612539(V0) ■ MG 612539T(GWIT)  MG 614524T(GWIT)  ▲ MG 631229(V2)  MG 634534(V0)  HOLE NO. / APPLICATION TERMINAL TYPE 1 Ⓐ 2 Ⓓ 3 Ⓐ 4 Ⓓ
	MG 623697T(GWIT)  Suitable Terminal : ST 740829, ST 740830 ▲ MG 631230(V2) 	MG 613699T(GWIT)  Suitable Terminal : ST 730841, ST 730842 MG 613698T(GWIT)  Suitable Terminal : ST 730837, ST 730838

1806 D/L CONNECTOR



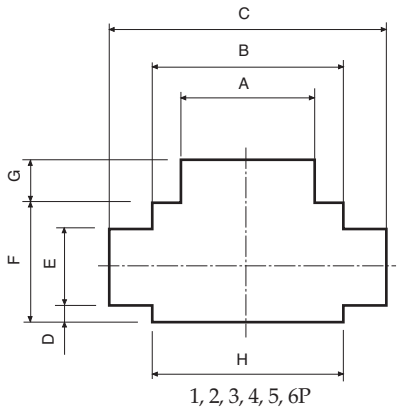
PANEL HOLE DIMENSIONS

Panel hole dimensions are different according to number of circuits and type of housing.
Punch hole per drawing is as below, not leaving any burr.

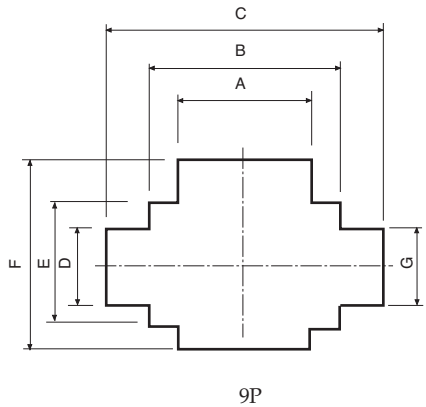
HOUSING FOR 1806 D/L TERMINAL

Applicable panel thickness:0.3~2.4mm

Poles	Part Number	Panel hole dimensions(mm) Tolerance ±0.1							
		A	B	C	D	E	F	G	H
1	MG621533	5.0	-	13.7	3.2	5.5	-	2.0	7.7
2	MG621173	10.1	13.7	20.3	1.5	5.5	8.5	4.0	13.7
3	MG621174	10.1	19.9	26.5	1.5	5.5	8.5	4.0	19.9
4	MG621175	10.1	26.1	32.7	1.5	5.5	8.5	4.0	26.1
6	MG621469	10.1	19.9	26.5	4.62	6.7	15.7	4.0	19.9



1, 2, 3, 4, 5, 6P



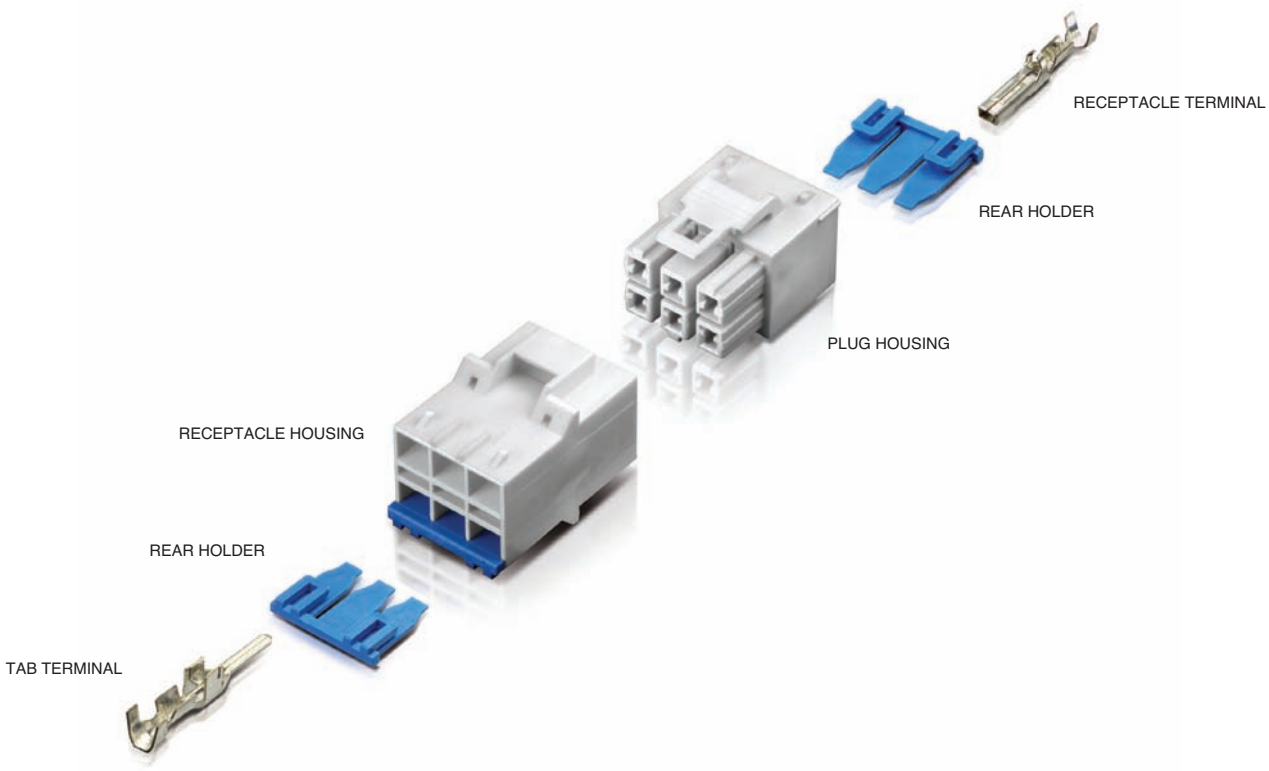
9P

Applicable panel thickness:0.7~2.0mm

Poles	Part Number	Panel hole dimensions(mm) Tolerance ±0.1						
		A	B	C	D	E	F	G
9	MG622880	14.5	25.9	33.1	12.1	19.9	25.8	10.1

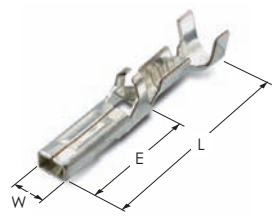
1806 D/L CONNECTOR

- Connector for high voltage application with its large contact area.
- Employed rear holder to prevent terminals from incomplete lock.
- With minimum exposure, it protect wings from damage.
- Application: Compressor in air conditioner, motor part in refrigerator.

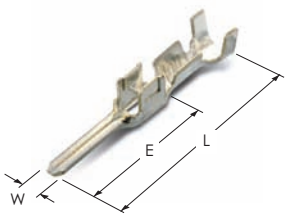


TERMINAL

Ⓐ



Ⓑ

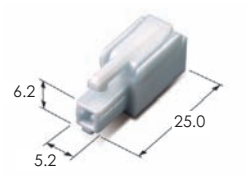
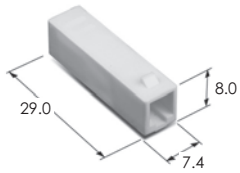
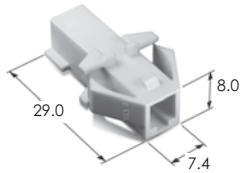
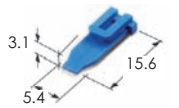
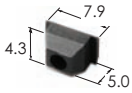
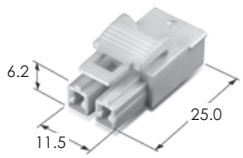
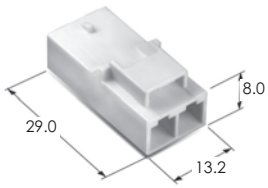
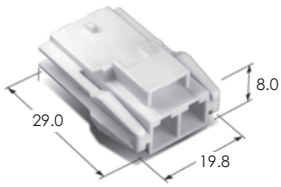
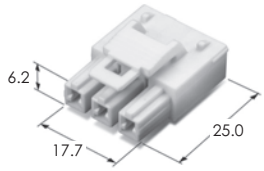
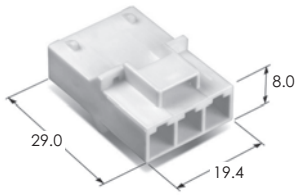
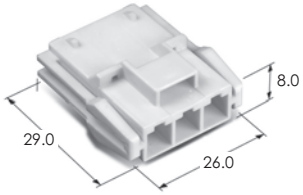
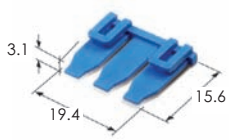
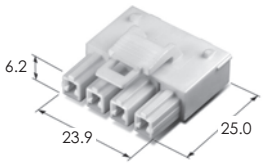
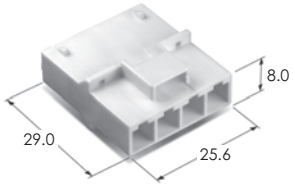
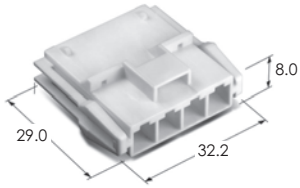
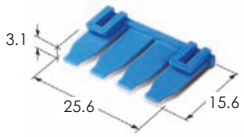
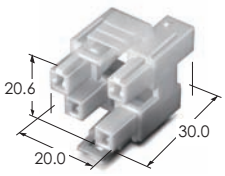
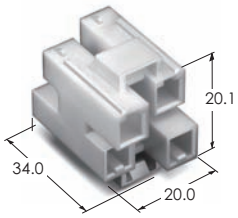
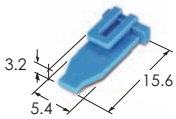
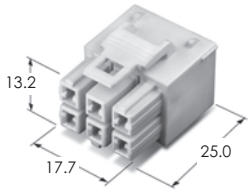
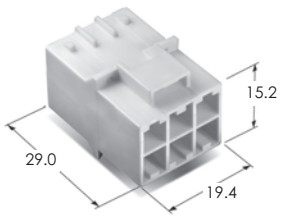
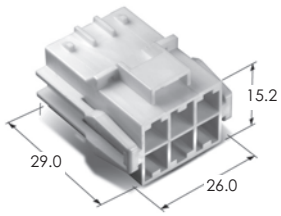
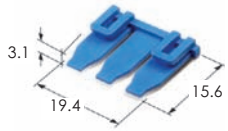
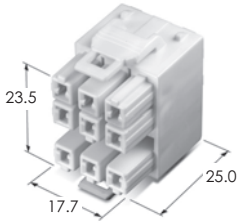
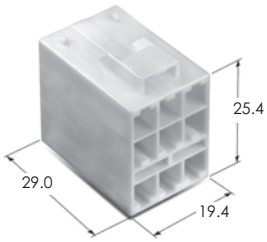
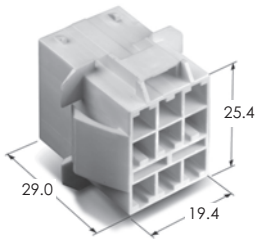


Part No.	Wire Range		Material	Dimension(mm)			Type
	AWG	mm²	Finish	L	E	W	
ST730872-3	26-24	0.13-0.22	Copper Alloy / Pre-Tin	19.1	10.0	3.0	Ⓐ
ST730694-3	22-20	0.3-0.5	Copper Alloy / Pre-Tin	19.1	10.0	3.0	
ST730695-3	20-18	0.5-0.75	Copper Alloy / Pre-Tin	19.1	10.0	3.0	
ST730696-3	16-14	1.25-2.0	Copper Alloy / Pre-Tin	19.1	10.0	3.0	
ST730697-3	20+20 ~ 18+18	0.5+0.5 ~ 0.75+0.75	Copper Alloy / Pre-Tin	19.1	10.0	3.0	
ST740871-3	26-24	0.13-0.22	Brass / Pre-Tin	22.5	13.4	1.8	Ⓑ
ST740690-3	22-20	0.3-0.5	Brass / Pre-Tin	22.5	13.4	1.8	
ST740691-3	20-18	0.5-0.75	Brass / Pre-Tin	22.5	13.4	1.8	
ST740692-3	16-14	1.25-2.0	Brass / Pre-Tin	22.5	13.4	1.8	
ST740693-3	20+20 ~ 18+18	0.5+0.5 ~ 0.75+0.75	Brass / Pre-Tin	22.5	13.4	1.8	

1806 D/L CONNECTOR

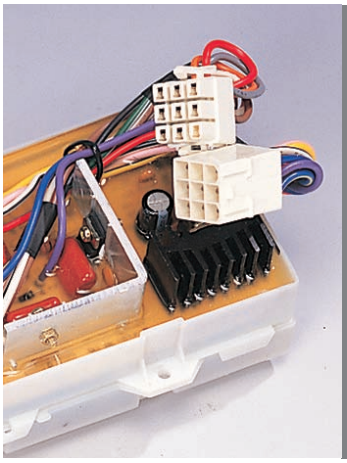
HOUSING

[MG6*****-V0 MG6*****T-GWIT]

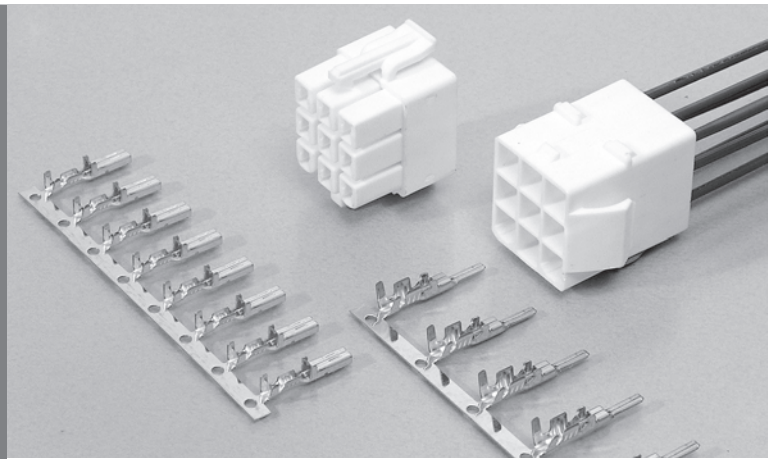
Poles	Female	Female		Rear Holder
1	◭ MG611532 ■ MG611532T	◭ MG621534 / MG621534T	◭ MG621533 ■ MG621533T	◭ MG631535
				 MG685342 (SEAL) 
2	◭ MG611163 ■ MG611163T	◭ MG621164 ■ MG621164T	◭ MG621173 ■ MG621173T	◭ MG631165
				
3	◭ MG611166 ■ MG611166T	◭ MG621167 ■ MG621167T	◭ MG621174 ■ MG621174T	◭ MG631168
				
4	◭ MG611169 ■ MG611169T	◭ MG621170 ■ MG621170T	◭ MG621175	◭ MG631171
				
	MG615564(GWIT)	MG625434(GWIT)		MG635703
				
6	◭ MG611468 / MG611468T	◭ MG621470 / MG621470T	◭ MG621469 / MG621469T	◭ MG631168
				
9	■ MG612725 / MG612725T	■ MG622724 / MG622724T	■ MG622880 / MG622880T	
				

1806 CONNECTOR

SPECIFICATION



Type of CONNECTOR



Recognized
File No. E 101181

Certified
File No. LR 60232

TÜV Rheinland

TÜV Licensed
File No. R 50309339
(Conforms to DIN/ VDE 0627)

HOUSING	Material:PBT Available in 1, 2, 3, 4, 6, 9, 12, 15, 16 circuit. Can be used either panel mounting or free hanging
TERMINAL	Material RECEPTACLE → COPPER ALLOY TAB → BRASS Available in two sizes for wire 0.13~2.0mm²(AWG 26~14)

Temperature Range	-40℃~+105℃
Current Rating	15A(Max)
Voltage Drop	3(mV/A)MAX.(Initial Value)
Insulation Resistance	1,000(MΩ)/DC500(V)
Dielectric Strength	AC2,500(V/MIN. Initial Value)

1806 CONNECTOR

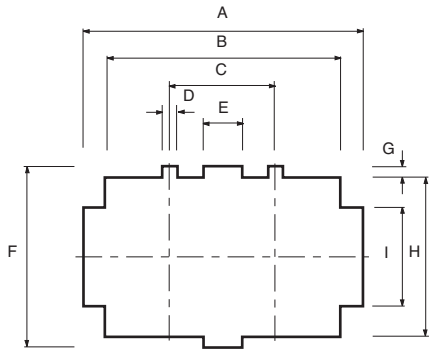
PANEL HOLE DIMENSIONS

Panel hole dimensions are according to number of circuits and type of housing.
Punch hole per drawing is as below, not leaving any burr.

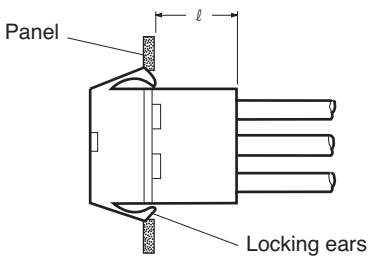
HOUSING FOR 1806 PIN TERMINAL

Applicable panel thickness:0.8~2.4mm

Poles	Housing Part No.	Panel hole dimensions(mm) Tolerance ±0.13								
		A	B	C	D	E	F	G	H	I
2	MG620225	18.9	13.3	10.0	1.5	4.0	10.2	1.2	7.9	5.8
3	MG620227	24.9	19.3	12.0	1.5	4.0	10.2	1.2	7.9	5.8
4	MG620229	18.9	13.3	10.0	1.5	4.0	16.8	1.2	14.5	9.4
4	MG620231	30.9	25.3	13.8	1.5	4.0	10.2	1.2	7.9	5.8
6	MG620233	24.9	19.3	12.0	1.5	4.0	16.8	1.2	14.5	9.4
9	MG620235	24.9	19.3	12.0	1.5	4.0	23.4	1.2	21.1	12.4
12	MG620237	30.9	25.3	13.8	1.5	4.0	23.4	1.2	21.1	12.4
15	MG620239	36.9	31.3	13.8	1.5	4.0	23.4	1.2	21.1	12.4
16	MG620582	54.9	49.3	17.0	1.5	3.5	17.3	1.65	14.5	12.5



PANEL MOUNTING DIMENSIONS



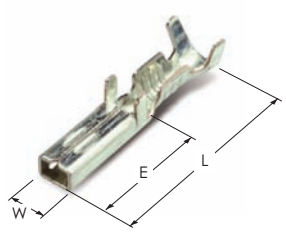
APPLICATION	" ℓ "(mm)
Housing For 1806 Pin Term	15.0

For Panel mounting, insert receptacle straight through mounting hole until both locking ears snap against both sides of the panel hole as shown.

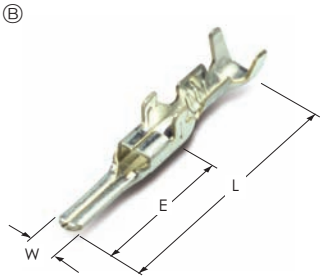
1806 CONNECTOR

TERMINAL

Ⓐ

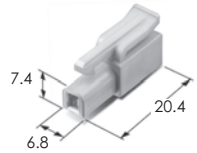
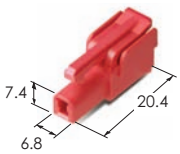
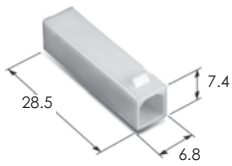
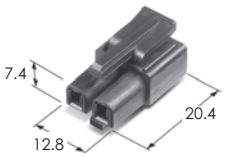
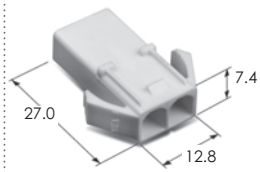
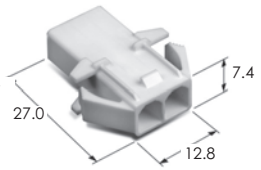
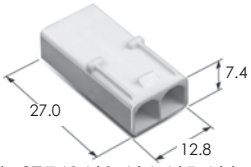
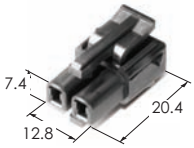
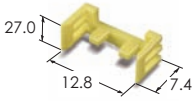
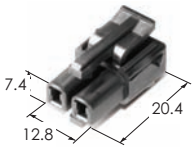
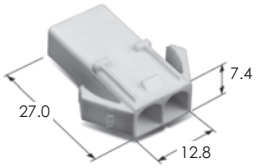
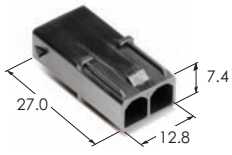
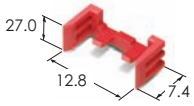


Ⓑ



Part No.	Description	Wire Range AWG(mm²)	Material / Finish	Dimension(mm) L	E	W	Type
ST730459-3	1806 REC.(S)	26-24 (0.13-0.22)	Copper Alloy Pre-Tin	16.0	8.0	2.9	Ⓐ
ST730460-3	1806 REC.(M)	22-20 (0.32-0.52)	Copper Alloy Pre-Tin	16.0	8.0	2.9	
ST730461-3	1806 REC.(L)	18-14 (0.75-2.0)	Copper Alloy Pre-Tin	16.0	8.0	2.9	
ST730462-3	1806 REC.(XL)	20+20, 20+18 20+16, 18+18	Copper Alloy Pre-Tin	16.0	8.0	2.9	
ST731228-3	1806 REC.(DL)	24-22 0.22-0.32	Copper Alloy Pre-Tin	16.0	8.0	2.9	
ST731131-3	1806 REC.(DL)	20-18 0.5-0.75	Copper Alloy Pre-Tin	16.0	8.0	2.9	
ST731396-3	1806 REC.(DL)	20+20, 22+22	Copper Alloy Pre-Tin	16.0	8.0	2.9	
ST740463-3	1806 TAB(S)	26-24 (0.13-0.22)	Brass Pre-Tin	20.6	7.7	1.8	Ⓑ
ST740464-3	1806 TAB(M)	22-20 (0.32-0.52)	Brass Pre-Tin	20.6	7.7	1.8	
ST740465-3	1806 TAB(L)	18-14 (0.75-2.0)	Brass Pre-Tin	20.6	7.7	1.8	
ST740466-3	1806 TAB(XL)	20+20, 20+18 20+16, 18+18	Brass Pre-Tin	20.6	7.7	1.8	
ST741266-3	1806 TAB(DL)	24-22 0.22-0.32	Brass Pre-Tin	20.6	7.7	1.8	
ST741130-3	1806 TAB(DL)	20-18 0.5-0.75	Brass Pre-Tin	20.6	7.7	1.8	

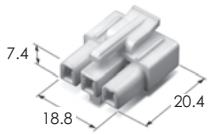
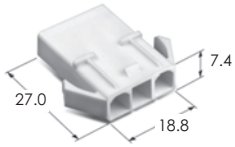
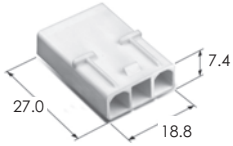
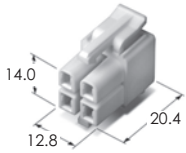
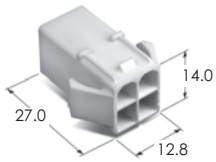
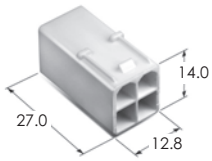
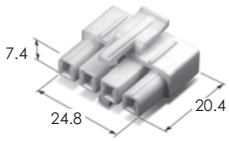
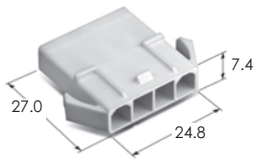
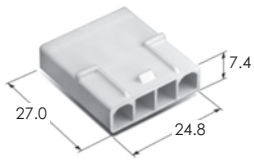
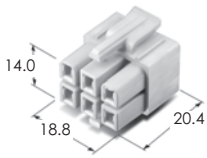
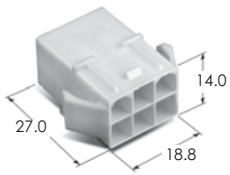
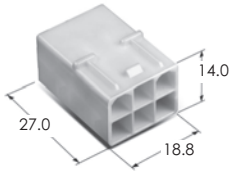
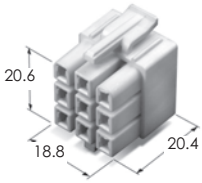
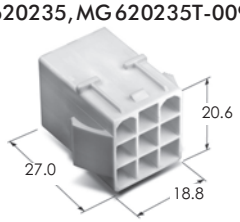
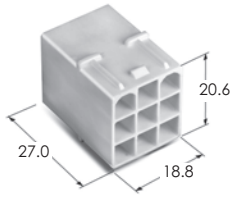
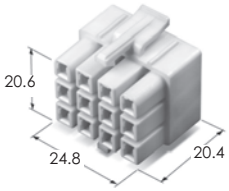
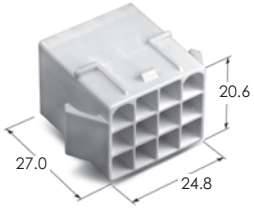
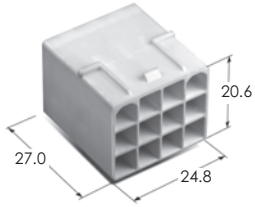
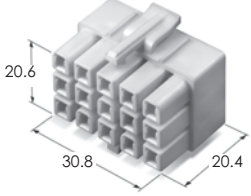
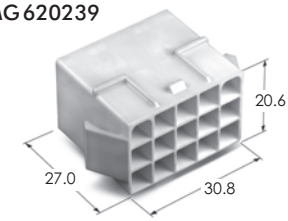
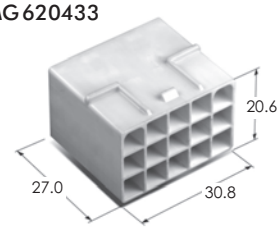
HOUSING

Poles	Female	Male
1	MG610222 (V0)  MG610222S (V0) 	MG620223 (V0) 
2	MG610224 (V0)  Suitable Terminal : ST730459,460,461,462	MG620225 (V0)  MG621158 (V0)  MG620426 (V0) MG620426T(GWIT)  Suitable Terminal : ST740463,464,465,466
2 (DL)	MG610224T(GWIT)  MG635636 (V0)  ■ MG610224ST(GWIT)  Suitable Terminal : ST731228,731131,731396	MG620225(V0) MG620225T-002(GWIT)  ■ MG620426S(GWIT)  MG634482(V0)  Suitable Terminal : ST741266,741130

1806 CONNECTOR

HOUSING

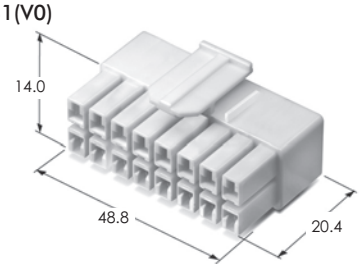
[MG6*****: V0, MG6*****T: GWIT]

Poles	Female	Male	
3	MG610226, MG610226T-003	MG620227	MG620427, MG620427T-003
			
4	MG610228, MG610228T-004	MG620229	MG620429, MG620429T-004
			
	MG610230	MG620231	MG620428
			
6	MG610232, MG610232T-006	MG620233, MG620233T-006	MG620430, MG620430T-006
			
9	MG610234, MG610234T-009	MG620235, MG620235T-009	MG620431, MG620431T-009
			
12	MG610236	MG620237	MG620432
			
15	MG610238	MG620239	MG620433
			

Note: Housing for 1806 Term, of any circuit can be used either panel mounting or free hanging.
For panel mounting hole refer to page 000. The receptacle housings without wing are not listed on U.L. yet.

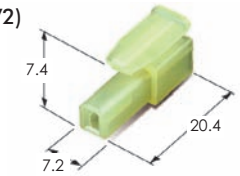
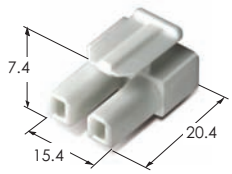
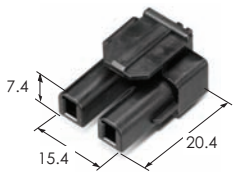
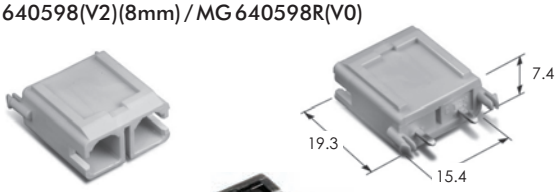
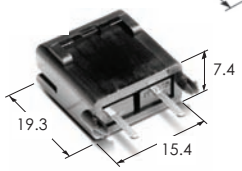
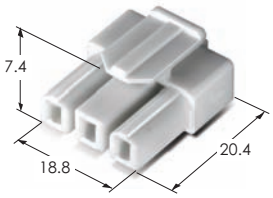
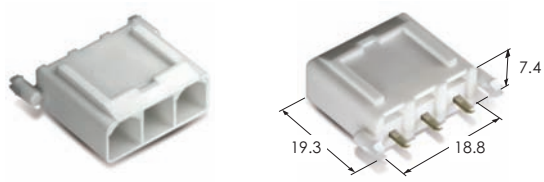
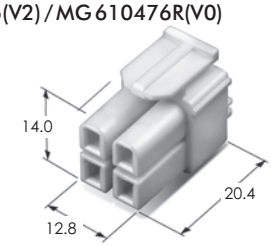
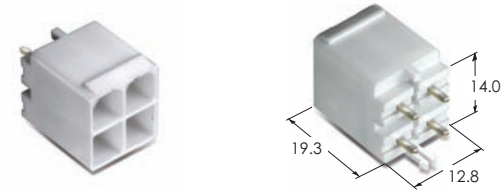
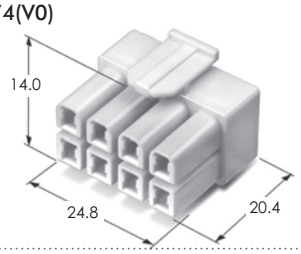
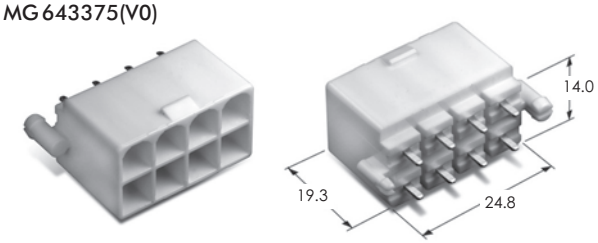
1806 CONNECTOR

HOUSING

Poles	Female	Male
16	■ MG 610581(V0) 	■ MG 620582(V0)  Suitable Terminal : ST 730983-3 , ST 730983-3

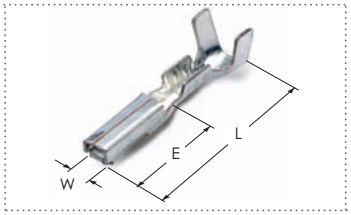
PCB HOUSING

[MG 6 ∗∗∗∗∗R:V0, MG 6 ∗∗∗∗∗T-GWIT]

Poles	Female	Male
1	▲ MG 610596(V2) 	▲ MG 640595(V2) 
2	▲ MG 610599(V2) / MG 610599R(V0) / MG 610599T(GWIT)  ■ MG 615468(V0) 	▲ MG 640598(V2)(8mm) / MG 640598R(V0)  ■ MG 645470(V2) 
3	▲ MG 610606(V2) / MG 610606R(V0) / MG 610606T(GWIT) 	▲ MG 640608(V2)(6mm) / MG 640608R(V0) 
4	▲ MG 610476(V2) / MG 610476R(V0) 	▲ MG 640475(V2)(6mm)/MG640475R(V0) 
8	▲ MG 613374(V0) 	▲ MG 643375(V0) 

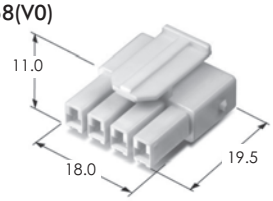
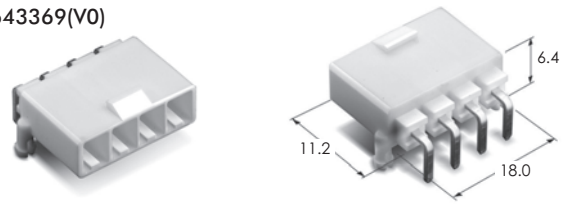
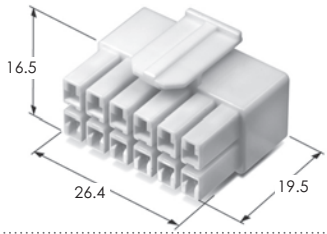
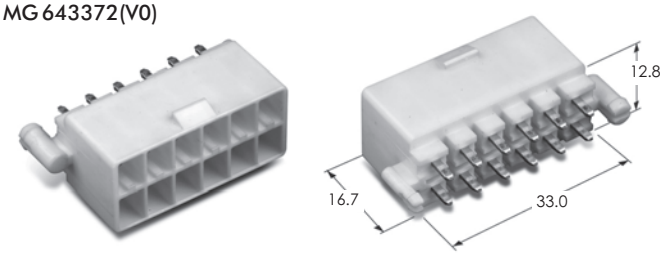
060 PCB CONNECTOR(4.2mm Pitch)

TERMINAL

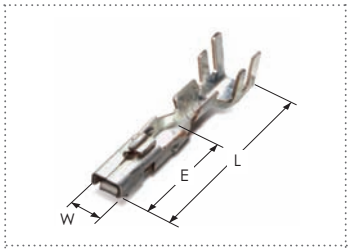


Part No.	Wire Range		Material	Dimension(mm)			Type
	AWG	mm^2	Finish	L	E	W	
ST730982-3	24-22	0.2-0.3	Copper Alloy Pre-Tin	15.0	6.2	2.2	
ST730983-3	20-18	0.5-0.75	Copper Alloy Pre-Tin	15.0	6.2	2.2	

HOUSING

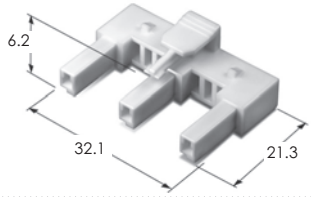
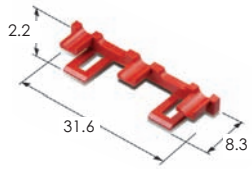
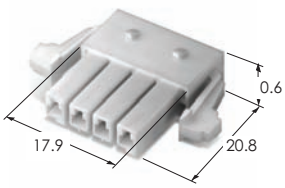
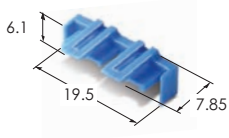
Poles	Female	Male
4	■ MG613368(V0) 	■ MG643369(V0) 
12	■ MG613371(V0) 	■ MG643372(V0) 

NEW 060 TERMINAL



Part No.	Wire Range		Material	Dimension(mm)			Type
	AWG	mm^2	Finish	L	E	W	
ST731324-3	24-22	0.2-0.3	Copper Alloy Pre-Tin	14.3	4.6	2.2	
ST731307-3	20-18	0.5-0.85	Copper Alloy Pre-Tin	14.3	4.6	2.2	

060 HOUSING

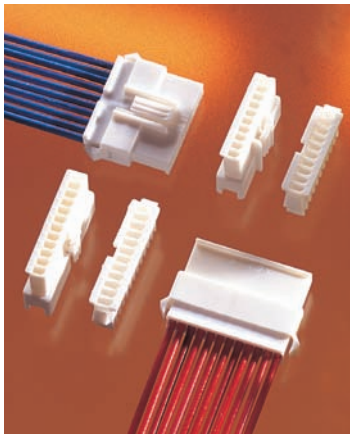
Poles	Female	Rear Holder
3	MG613212(V0) MG613212T-003(GWIT) 	MG633861(V0) 
4	MG615482T-004(GWIT) 	MG635483(V0) 

KET ENGINEERED

1006 CONNECTOR

Crimping type wire-to-wire connectors 2.5mm pitch disconnectable connectors with panel lock and box type contacts.

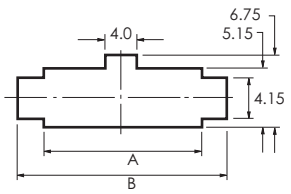
In addition to electrical applications such as air conditioners, sewing machines, etc. 1006 connectors are also applicable in the field of electronics for instruments and micro-computers.



SPECIFICATIONS

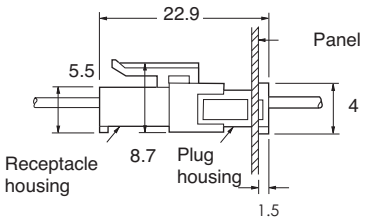
Current rating	Temperature range	Contact resistance	Insulation resistance	Withstand voltage
3A AC, DC	-25℃~+85℃	20mΩ/max.	500MΩ/min.	1,000V AC/minute

PANEL HOLE DIMENSIONS



poles	Application		Panel thickness(mm)					
	Housing Connector		0.5-0.9		1.0-1.2		1.6-2.0	
	Part No.	Description	A +0.15 -0	B ±0.1	A +0.15 -0	B ±0.1	A +0.15 -0	B ±0.1
2	MG610128	1006 2P	5.7	9.6	5.7	9.8	5.7	10.0
6	MG610136	1006 6P	15.7	19.6	15.7	19.8	15.7	20.0
10	MG610144	1006 10P	25.7	29.6	25.7	29.8	25.7	30.0
	MG610144T-010	1006 10P(Plastic)	25.7	29.6	25.7	29.8	25.7	30.0
		1006 10P(Steel)	25.7	30.1	25.7	30.3	25.7	30.5
12	MG610148	1006 12P	30.7	34.6	30.7	34.8	30.7	35.0

PANEL MOUNTING DIMENSIONS

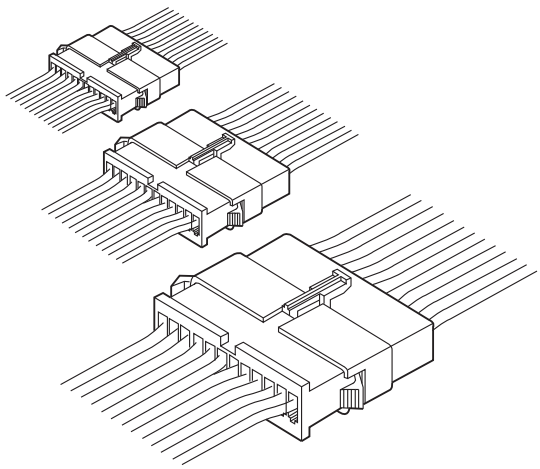


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TÜV Rheinland

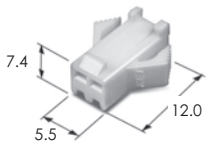
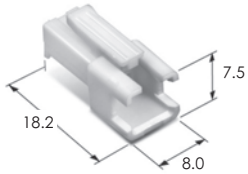
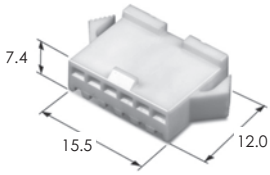
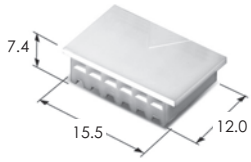
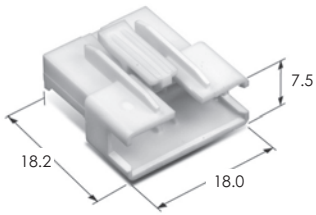
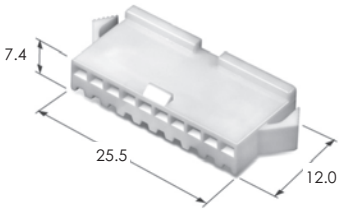
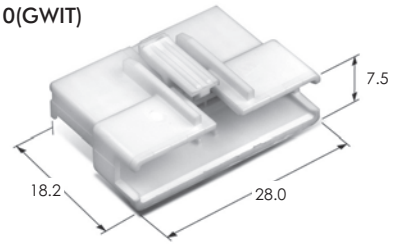
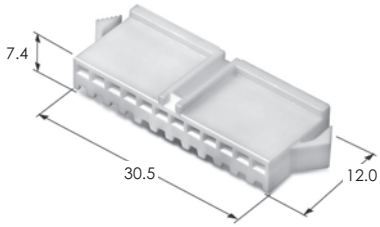
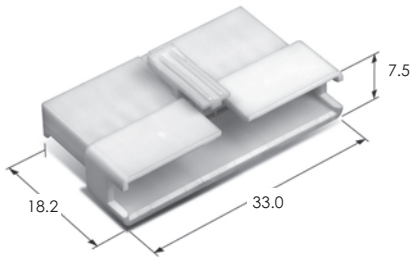
FEATURES

- Suitable for wide range of panel thickness.
- Panel locking mechanism allows easy mounting;no tools are needed.
- Male and Female connector interlocking is positive, and strong, and keeps mated connectors firmly together.
- Folded type male contact is strong to withstand twist or bend.
- Spring contact surface assures easy, trouble-free mating and long life from repeated disconnections.
- Multi-pole shell type housing protects and isolates contacts completely; rectangular shape gives stable location for both connectors and contacts; turn or twist prevented.
- Polarization prevents mismating.
- Box type socket contact makes connection to both sides of the male pin with clean wiping action and high contact pressure.
- Mating parts are protected inside of the wrapped construction.

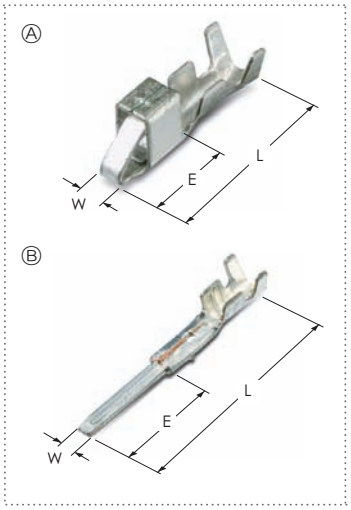


1006 CONNECTOR

HOUSING

Poles	Female	Male
2	○ MG610128(V0) MG610128T-002(GWIT) 	○ MG620129(V0) MG620129T-002(GWIT) 
6	○ MG610136(V0)  MG611364(V0) 	○ MG620137(V0) 
10	○ MG610144(V0) MG610144T-010(GWIT) 	○ MG620145(V0) MG620145T-010(GWIT) 
12	○ MG610148(V0) 	○ MG620149(V0) 

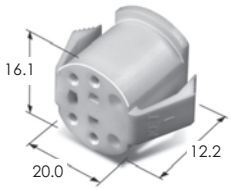
TERMINAL



Part No.	Description	Wire Range AWG(mm²)	Material / Finish	Dimension(mm) L	Dimension(mm) E	Dimension(mm) W	Type
○ ST730335-3 ST730910-3	1006 Rec.	26-22 (0.13-0.33)	Phos. Bronze Pre-Tin	9.0	3.8	1.9	Ⓐ
○ ST740334-3	1006 Tab.	26-22 (0.13-0.33)	Brass Pre-Tin	15.8	7.0	1.0	Ⓑ

SENSOR CONNECTOR

MG610454(V0)
MG610454T-004(GWIT)



Suitable Terminal : **ST730335, ST730910**

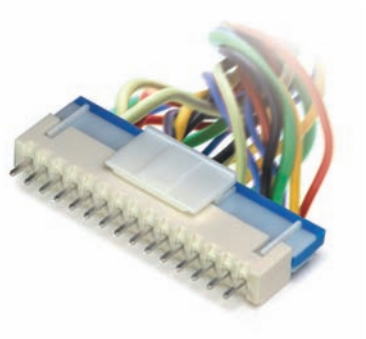
KET ENGINEERED

2.5mm W TO B CONNECTOR

PRODUCTS AND APPLICATION

- Small, compact size connector and low insertion force contacts.
- Connector for low voltage and low current application
- Employed rear holder to prevent terminals from incomplete locking.
- Application : All kind of application for signal.

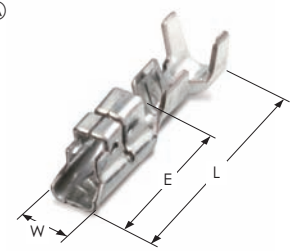
Current Rating		4A
Voltage Rating		250V AC/DC
Temperature Range		−40℃~+105℃
Contact Resistance		10mV/A Min. (Initial Value)
		20mV/A Max. (After Environmental Test)
Insulation Resistance		1,000MΩ Min
Dielectric Strength		AC 1,500(V/MIN.)
Wire Size		AWG #26~24
Material	HS'G	PET+PC GWIT
	R/H	PET+PC GWIT
	TM'L	Female : Copper Alloy
	PCB	HSG : PA66 V0 / PIN : BRASS





TERMINAL

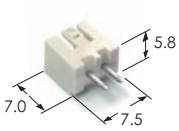
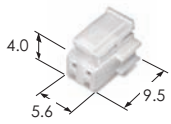
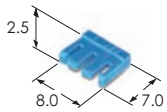
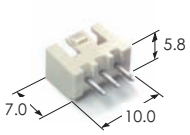
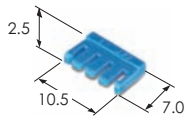
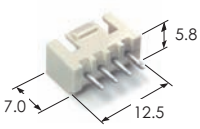
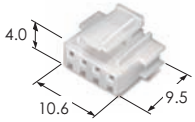
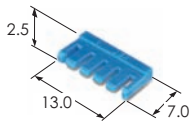
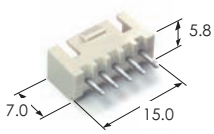
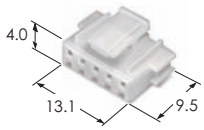
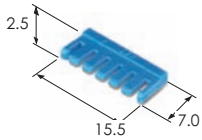
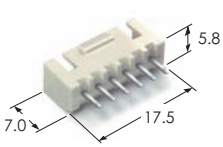
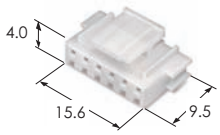
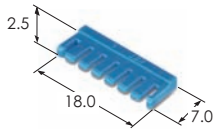
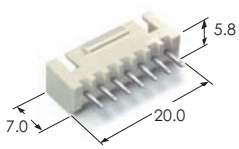
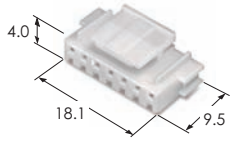
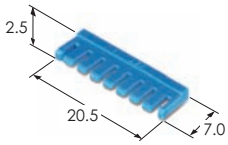
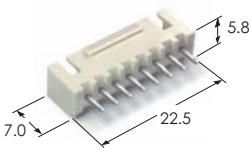
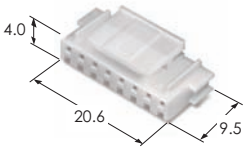
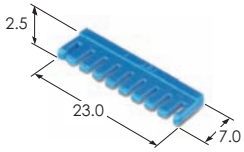
Ⓐ



Part No.	Wire Range		Material	Dimension(mm)			Type
	AWG	mm²	Finish	L	E	W	
ST731454-3SS	26-24	0.13-0.22	Copper Alloy Pre-Tin	7.9	3.6	1.9	Ⓐ

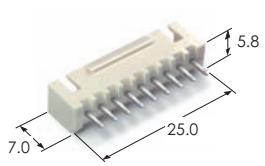
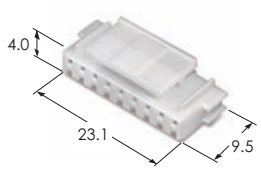
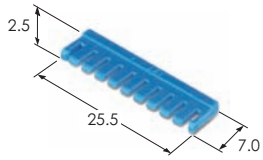
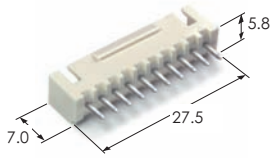
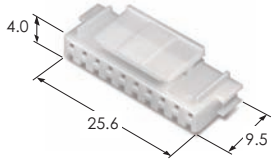
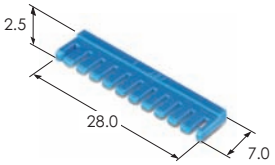
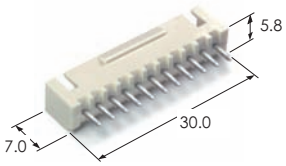
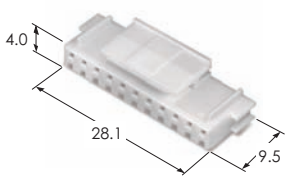
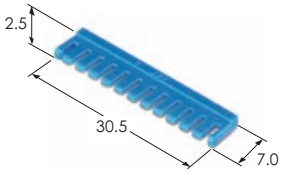
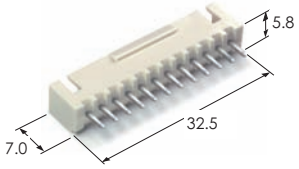
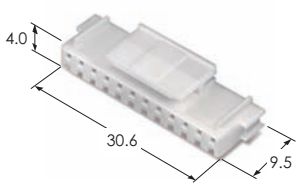
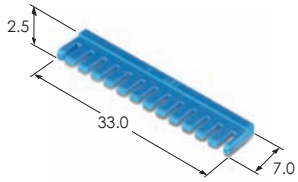
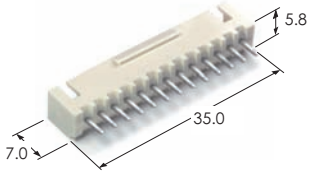
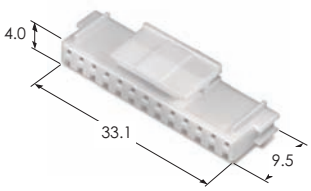
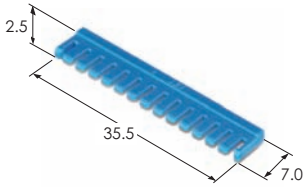
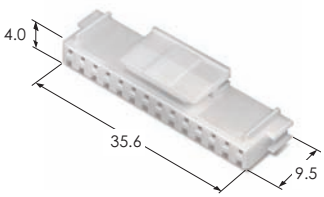
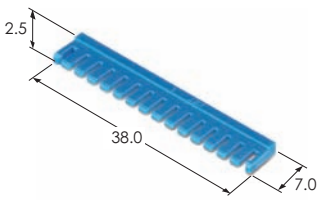
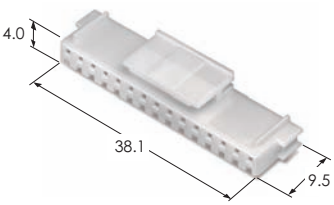
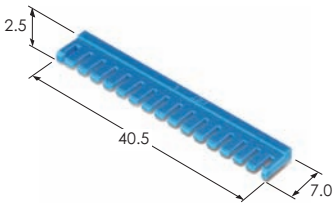
2.5mm W TO B CONNECTOR

HOUSING

Poles	PCB TAB	Female	Rear Holder
2	MG646077-002(GWIT) 	MG 615632-002(GWIT) 	MG 635826-002(GWIT) 
3	MG646077-003(GWIT) 	MG 615632-003(GWIT) 	MG 635826-003(GWIT) 
4	MG646077-004(GWIT) 	MG 615632-004(GWIT) 	MG 635826-004(GWIT) 
5	MG646077-005(GWIT) 	MG 615632-005(GWIT) 	MG 635826-005(GWIT) 
6	MG646077-006(GWIT) 	MG 615632-006(GWIT) 	MG 635826-006(GWIT) 
7	MG646077-007(GWIT) 	MG 615632-007(GWIT) 	MG 635826-007(GWIT) 
8	MG646077-008(GWIT) 	MG 615632-008(GWIT) 	MG 635826-008(GWIT) 

2.5mm W TO B CONNECTOR

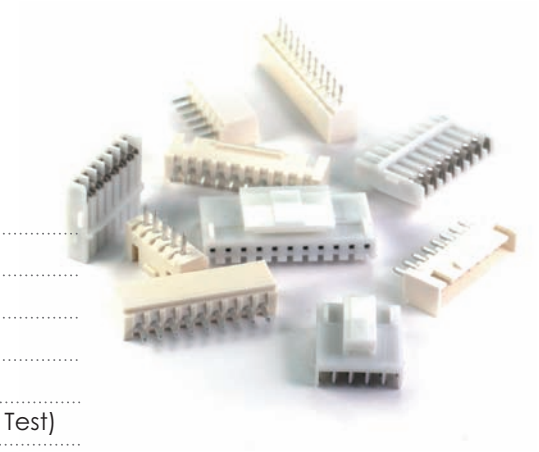
HOUSING

Poles	PCB TAB	Female	Rear Holder
9	MG646077-009(GWIT) 	MG 615632-009(GWIT) 	MG 635826-009(GWIT) 
10	MG646077-010(GWIT) 	MG 615632-010(GWIT) 	MG 635826-010(GWIT) 
11	MG646077-011(GWIT) 	MG 615632-011(GWIT) 	MG 635826-011(GWIT) 
12	MG646077-012(GWIT) 	MG 615632-012(GWIT) 	MG 635826-012(GWIT) 
13	MG646077-013(GWIT) 	MG 615632-013(GWIT) 	MG 635826-013(GWIT) 
14	MG646077-014(GWIT) 	MG 615632-014(GWIT) 	MG 635826-014(GWIT) 
15	MG646077-015(GWIT) 	MG 615632-015(GWIT) 	MG 635826-015(GWIT) 

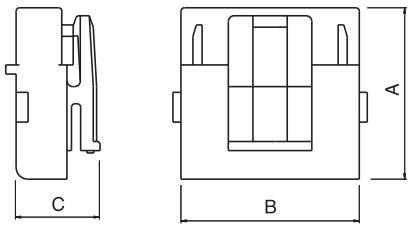
2.5mm IDC CONNECTOR

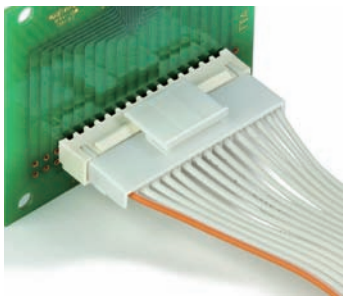
PRODUCTS AND APPLICATION

- Small, compact size connector and low insertion force contacts.
- Connector for low voltage and low current application
- IDC Type connector.
- Application : All kind of application for signal.



Current Rating		4A
Voltage Rating		250V AC/DC
Temperature Range		−40℃~+105℃
Contact Resistance		10mV/A Min.(Initial Value)
		20mV/A Max. (After Environmental Test)
Insulation Resistance		1,000MΩ Min(Initial Value)
		1,000MΩ Min.(After Environmental Test)
Dielectric Strength		AC 1,500(V/MIN.)
Wire Size		AWG #26~24
Material	HS'G	PET+PC GWIT
	TM'L	Female : Copper Alloy
	PCB	HSG : PA66 V0 / PIN : BRASS



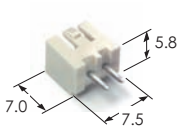
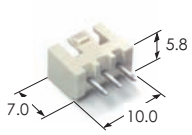
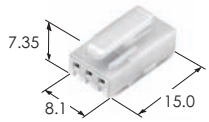
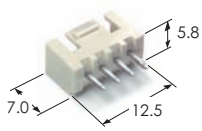
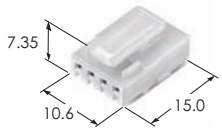
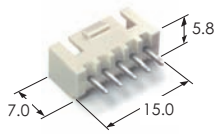
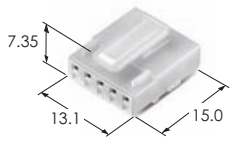
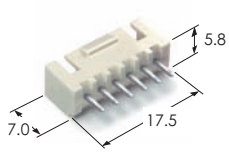
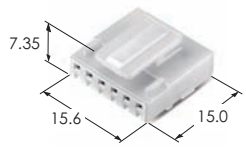
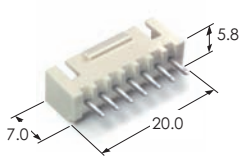
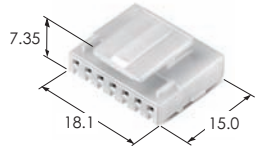
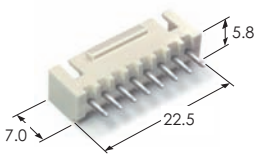
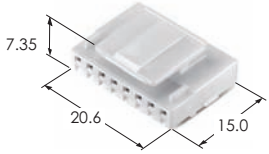


2.5mm IDC

No.	PART NAME	PART NO.	A	B	C
1	2.5 IDC 2F ASS'Y	MG656847-002	15.0	5.60	7.35
2	2.5 IDC 3F ASS'Y	MG656847-003	15.0	8.10	7.35
3	2.5 IDC 4F ASS'Y	MG656847-004	15.0	10.6	7.35
4	2.5 IDC 5F ASS'Y	MG656847-005	15.0	13.1	7.35
5	2.5 IDC 6F ASS'Y	MG656847-006	15.0	15.6	7.35
6	2.5 IDC 7F ASS'Y	MG656847-007	15.0	18.1	7.35
7	2.5 IDC 8F ASS'Y	MG656847-008	15.0	20.6	7.35
8	2.5 IDC 9F ASS'Y	MG656847-009	15.0	23.1	7.35
9	2.5 IDC 10F ASS'Y	MG656847-010	15.0	25.6	7.35
10	2.5 IDC 11F ASS'Y	MG656847-011	15.0	28.1	7.35
11	2.5 IDC 12F ASS'Y	MG656847-012	15.0	30.6	7.35
12	2.5 IDC 13F ASS'Y	MG656847-013	15.0	33.1	7.35
13	2.5 IDC 14F ASS'Y	MG656847-014	15.0	35.6	7.35
14	2.5 IDC 15F ASS'Y	MG656847-015	15.0	38.1	7.35

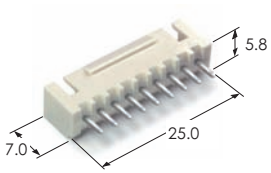
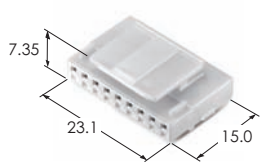
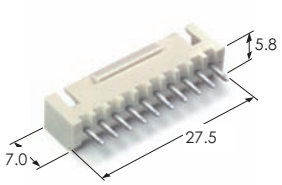
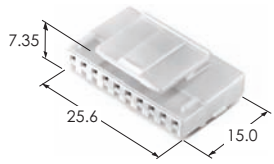
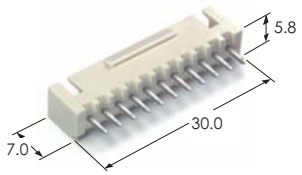
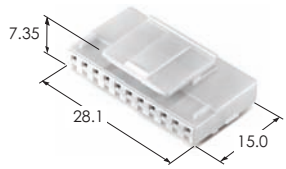
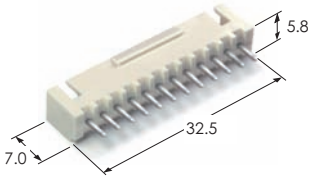
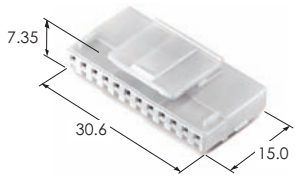
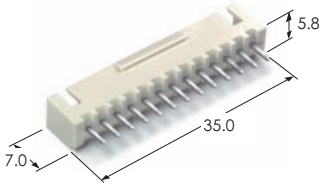
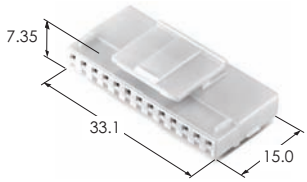
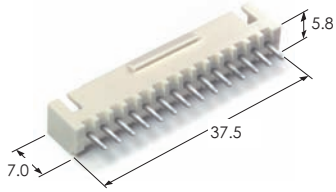
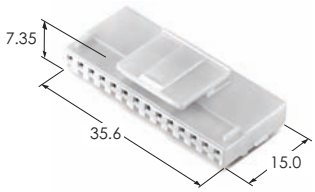
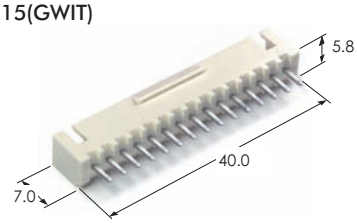
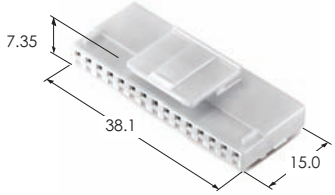
2.5mm IDC CONNECTOR

HOUSING

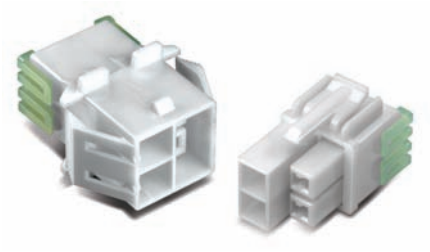
Poles	Water Housing for PinTerminal	Female
2	MG646077-002(GWIT) 	MG656847-002(GWIT) 
3	MG646077-003(GWIT) 	MG656847-003(GWIT) 
4	MG646077-004(GWIT) 	MG656847-004(GWIT) 
5	MG646077-005(GWIT) 	MG656847-005(GWIT) 
6	MG646077-006(GWIT) 	MG656847-006(GWIT) 
7	MG646077-007(GWIT) 	MG656847-007(GWIT) 
8	MG646077-008(GWIT) 	MG656847-008(GWIT) 

2.5mm IDC CONNECTOR

HOUSING

Poles	Water Housing for PinTerminal	Female
9	MG646077-009(GWIT) 	MG 656847-009(GWIT) 
10	MG646077-010(GWIT) 	MG 656847-010(GWIT) 
11	MG646077-011(GWIT) 	MG 656847-011(GWIT) 
12	MG646077-012(GWIT) 	MG 656847-012(GWIT) 
13	MG646077-013(GWIT) 	MG 656847-013(GWIT) 
14	MG646077-014(GWIT) 	MG 656847-014(GWIT) 
15	MG646077-015(GWIT) 	MG 656847-015(GWIT) 

NEW 070 CONNECTOR



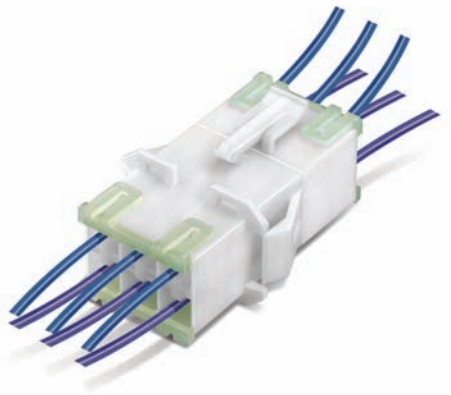
MULTI CONNECTION

▶ 070" Tab type wire-to-wire system offers superior reliability, easy assembly and disconnection.

SECONDARY RETAINER

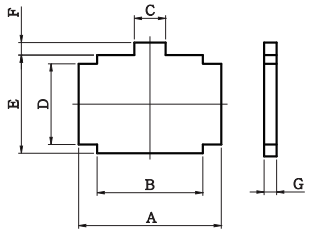
▶ The secondary retainers enhance safety in case of partial insertion or accidental release of the contact.
Double lock structure for reliable terminal insertion.

Current Rating		15A
Voltage Rating		300V
Temperature Range		−40℃~+120℃
Contact Resistance		3mV/A Min. (Initial Value)
		6mV/A Min. (After Environmental Testing)
Insulation Resistance		1,000MΩ Min.
Dielectric Strength		AC2,500(V/MIN.)
Wire Size		-
Material	HS'G	PBT(V0)/ PET+PC(GWIT)
	R/H	PA66(V2)
	TM'L	TAB: Brass Pre-Tin REC.:Copper Alloy/Pre-Tin

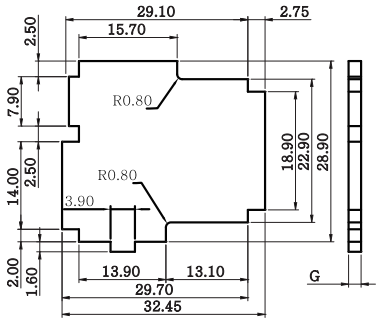


PANEL HOLE DIMENSIONS

Poles	Part Number	Panel hole dimensions(mm) Tolerance ±0.1							
		A	B	C	D	E	F	G	TYPE
2	MG625305	19.90	13.90	5.00	5.50	8.50	2.00	0.8~2.0	A
3	MG625308	28.90	22.90	5.00	5.50	9.70	2.00	0.8~2.0	A
4	MG625311	22.80	16.90	5.00	12.90	15.70	2.00	0.8~2.0	A
6	MG625314	29.30	22.90	3.80	10.40	15.70	1.60	0.8~2.0	A
9	MG625316								



PANEL HOLE DIMENSION(TYPE:A)

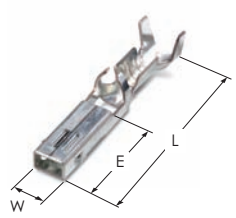


9P PANEL HOLE DIMENSION MG625316(T)

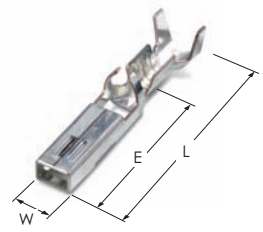
NEW 070 CONNECTOR

TERMINAL

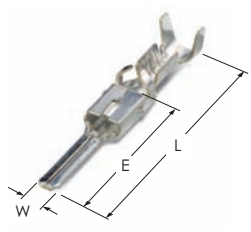
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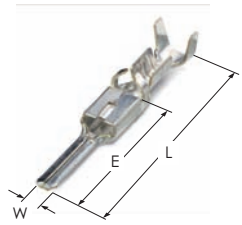
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Ⓓ

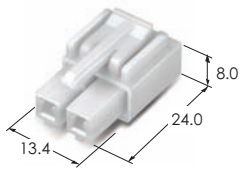
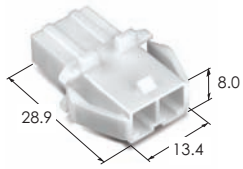
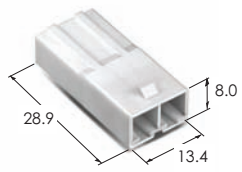
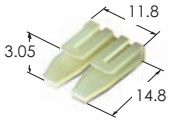
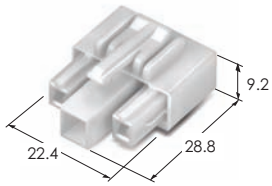
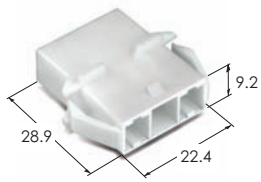
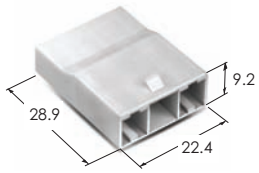
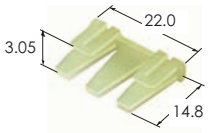
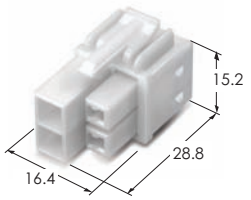
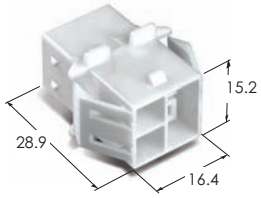
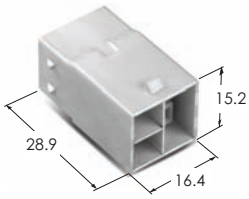
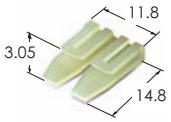
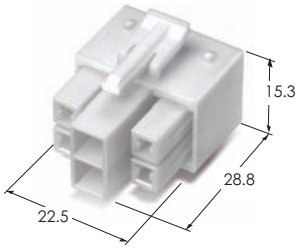
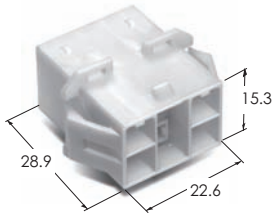
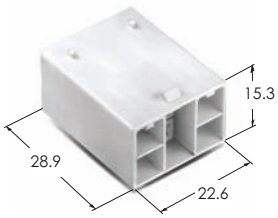
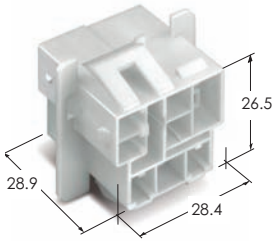
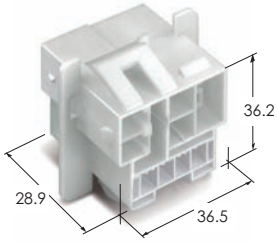


Part No.	Wire Range		Material	Dimension(mm)			Type
	AWG	mm^2	Finish	L	E	W	
■ ST731433-3S	24-22	0.22-0.34	Copper Alloy Pre-Tin	18.0	10.0	3.0	Ⓐ
■ ST731433-3M	20-18	0.53-0.86	Copper Alloy Pre-Tin	18.0	10.0	3.0	
ST731433-3L	16-14	1.25-2.08	Copper Alloy Pre-Tin	18.0	10.0	3.0	
ST731433-3DW	24+20 18+18	0.53X2 0.86X2	Copper Alloy Pre-Tin	18.0	10.0	3.0	
■ ST731434-3S	24-22	0.22-0.34	Copper Alloy Pre-Tin	18.0	10.0	3.0	Ⓑ
■ ST731434-3M	20-18	0.53-0.86	Copper Alloy Pre-Tin	18.0	10.0	3.0	
ST731434-3L	16-14	1.25-2.08	Copper Alloy Pre-Tin	18.0	10.0	3.0	
ST731434-3DW	24+20 18+18	0.53X2 0.86X2	Copper Alloy Pre-Tin	18.0	10.0	3.0	
■ ST741435-3S	24-22	0.22-0.34	Brass Pre-Tin	21.8	13.9	1.85	Ⓒ
■ ST741435-3M	20-18	0.53-0.86	Brass Pre-Tin	21.8	13.9	1.85	
ST741435-3L	16-14	1.25-2.08	Brass Pre-Tin	21.8	13.9	1.85	
ST741435-3DW	24+20 18+18	0.53X2 0.86X2	Brass Pre-Tin	21.8	13.9	1.85	
■ ST741436-3S	24-22	0.22-0.34	Brass Pre-Tin	21.8	13.9	1.85	Ⓓ
■ ST741436-3M	20-18	0.53-0.86	Brass Pre-Tin	21.8	13.9	1.85	
ST741436-3L	16-14	1.25-2.08	Brass Pre-Tin	21.8	13.9	1.85	
ST741436-3DW	24+20 18+18	0.53X2 0.86X2	Brass Pre-Tin	21.8	13.9	1.85	

NEW 070 CONNECTOR

HOUSING

[MG6*****-V0 MG6*****T-GWIT]

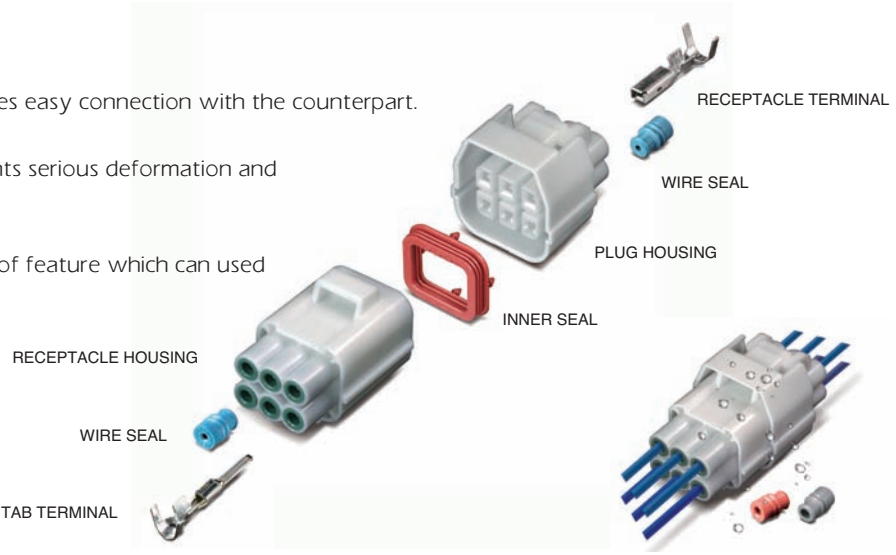
Poles	Female	Male	Rear Holder
2	MG615304 MG615304T  Terminal Type: 1HOLE-Ⓐ / 2HOLE-Ⓐ	MG625305 MG625305T  MG625306 MG625306T  Terminal Type: 1HOLE-Ⓒ / 2HOLE-Ⓒ	MG635317(V2) 
3	MG615307 MG615307T  Terminal Type: 1H-Ⓐ / 2H-Ⓒ / 3H-Ⓑ	MG625308 MG625308T  MG625309 MG625309T  Terminal Type: 1H-Ⓒ / 2H-Ⓐ / 3H-Ⓓ	MG635318(V2) 
4	MG615310 MG615310T  Terminal Type: 1H-Ⓐ / 2H-Ⓑ / 3H-Ⓒ / 4H-Ⓓ	MG625311 MG625311T  MG625312 MG625312T  Terminal Type: 1H-Ⓒ / 2H-Ⓓ / 3H-Ⓐ / 4H-Ⓑ	MG635317(V2) 
6	MG615313 MG615313T  Terminal Type: 1, 6H-Ⓑ / 2, 5H-Ⓒ / 3, 4H-Ⓐ	MG625314 MG625314T  MG625315 MG625315T  Terminal Type: 1, 6H-Ⓓ / 2, 5H-Ⓐ / 3, 4H-Ⓒ	MG635318(V2) 
9	MG625316 MG625316T  Terminal Type: 1, 2, 3H-Ⓒ / 4, 6, 7H-Ⓐ / 5, 8, 9H-Ⓓ Suitable Housing : **MG615304T , MG615307T,MG615310T** Suitable R/H : **MG635317 , MG635318**		
10	■ MG625461(GWIT)  Terminal Type : 1, 2H-Ⓒ / 6, 7H-Ⓐ / 8, 9H-Ⓓ / 3, 4, 5, 0H-NEW 060 MALE TERMINAL Suitable Housing : **MG615304T , MG615310(T),MG614158(T)** Suitable R/H : **MG635317 , MG634164** Suitable Terminal :**ST741435,731433,741436, 1084,1085,1086**		

070 WP CONNECTOR

LOW INSERTION FORCE
▶The low insertion force feature provides easy connection with the counterpart.

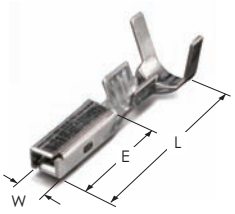
SAFE LOCK SYSTEM
▶This connector's locking system prevents serious deformation and unlocking by external force.

WATER PROOF (IP68)
▶This connector can provide water-proof feature which can used at the inside of laundry machine.

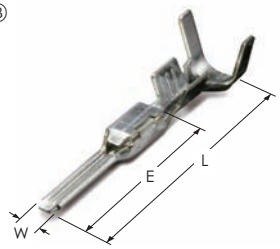


TERMINAL

Ⓐ



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Part No.	Wire Range		Material	Dimension(mm)			Type
	AWG	mm²	Finish	L	E	W	
ST731385-3	22-20	0.34-0.53	Copper Alloy Pre-Tin	16.0	7.0	2.7	Ⓐ
ST731386-3	18-16	0.86-1.38	Copper Alloy Pre-Tin	16.0	7.0	2.7	
ST731387-3	14	2.17	Copper Alloy Pre-Tin	16.0	7.0	2.7	
ST741350-3	22-20	0.34-0.53	Brass Pre-Tin	22.7	13.5	1.8	Ⓑ
ST741351-3	18-16	0.86-1.38	Brass Pre-Tin	22.7	13.5	1.8	
ST741352-3	14	2.17	Brass Pre-Tin	22.7	13.5	1.8	

WIRE SEAL

Part No.	Wire Range		Wire Diamnenter (mm)	Material	Color	Dimension(mm)		Type
	AWG	mm²				L	E	
MG 685431	22-20	0.34-0.53	Ø1.60-1.80	Silicone	Blue	8.00	5.40	Ⓒ
MG 685432	20	0.53	Ø2.50	Silicone	Red	8.00	5.40	Ⓓ
MG 685433	18-16	0.86-1.38	Ø2.80-3.10	Silicone	Gray	8.00	5.40	Ⓔ
MG 685434	14	2.17	Ø3.30	Silicone	Green	8.00	5.40	Ⓕ
MG 685435	Dummy Seal	0.53-0.86	Ø2.50-2.75	Silicone	Black	6.20	5.50	Ⓖ

Ⓒ



Ⓓ



Ⓔ



Ⓕ

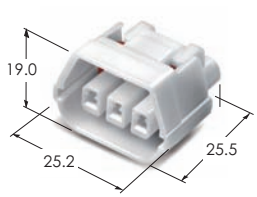


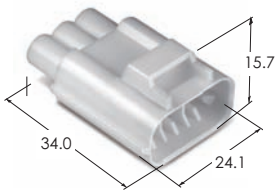
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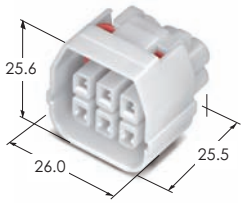


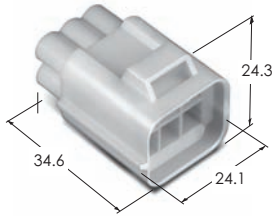
HOUSING

Poles	Female	Male	Poles	Female	Male
3	■ MG 655832(GWIT)	■ MG 625457(GWIT)	6	MG 655771(GWIT)	MG 625442(GWIT)









NEW 060 CONNECTOR

LOW INSERT FORCE CONTACT

▶The low insertion force feature reduces surface wear and reduce the effects of stress.

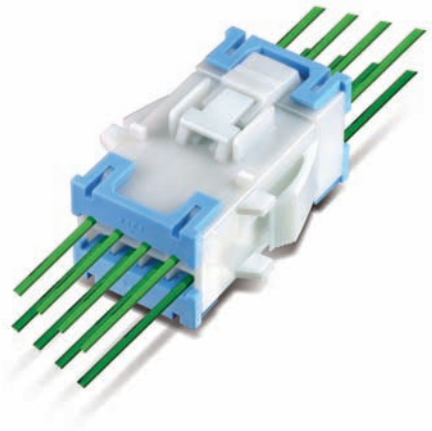
INTER-HOUSING LOCK

▶This inter-housing lock feature secures the plug to the receptacle and prevents accidental disconnection.
▶The lock is protected from external forces that might be being generated during routing of wires.

SECONDARY RETAINER

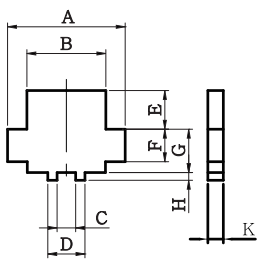
▶The secondary retainers are preventing from partial insertion or accidental release of the contact.

Current Rating		10A
Voltage Rating		300V
Temperature Range		−40℃~+105℃
Contact Resistance		3mV/A Min. (Initial Value)
		6mV/A Min. (After Environmental Testing)
Insulation Resistance		1,000MΩ Min
Dielectric Strength		AC2,500(V/MIN.)
Wire Size		AWG #26~16, #22+22
Material	HS'G	PBT(V0)/ PET+PC(GWIT)
	R/H	PA66(V0)
	TM'L	TAB:Brass Pre-Tin REC.:Copper Alloy/Pre-Tin

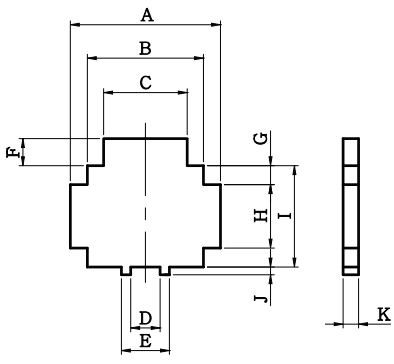


PANEL HOLE DIMENSIONS

Poles	Part Number	Panel hole dimensions(mm) Tolerance ±0.1, -0											
		A	B	C	D	E	F	G	H	I	J	K	TYPE
2	MG624540	15.20	10.20	2.40	4.80	5.00	4.20	5.60	1.00	-	-	0.3~2.0	A
4	MG624490	15.20	10.20	2.40	4.80	5.95	8.20	10.65	1.00	-	-	0.3~2.0	A
4	MG624159	23.60	19.20	10.80	12.80	15.20	3.50	1.40	4.20	7.00	1.00	0.3~2.0	B
6	MG624161	19.40	15.00	10.80	3.80	6.20	3.50	2.45	8.20	13.10	1.00	0.3~2.0	B
8	MG624163	23.60	19.20	10.80	5.20	7.60	3.50	2.45	8.20	13.10	1.00	0.3~2.0	B



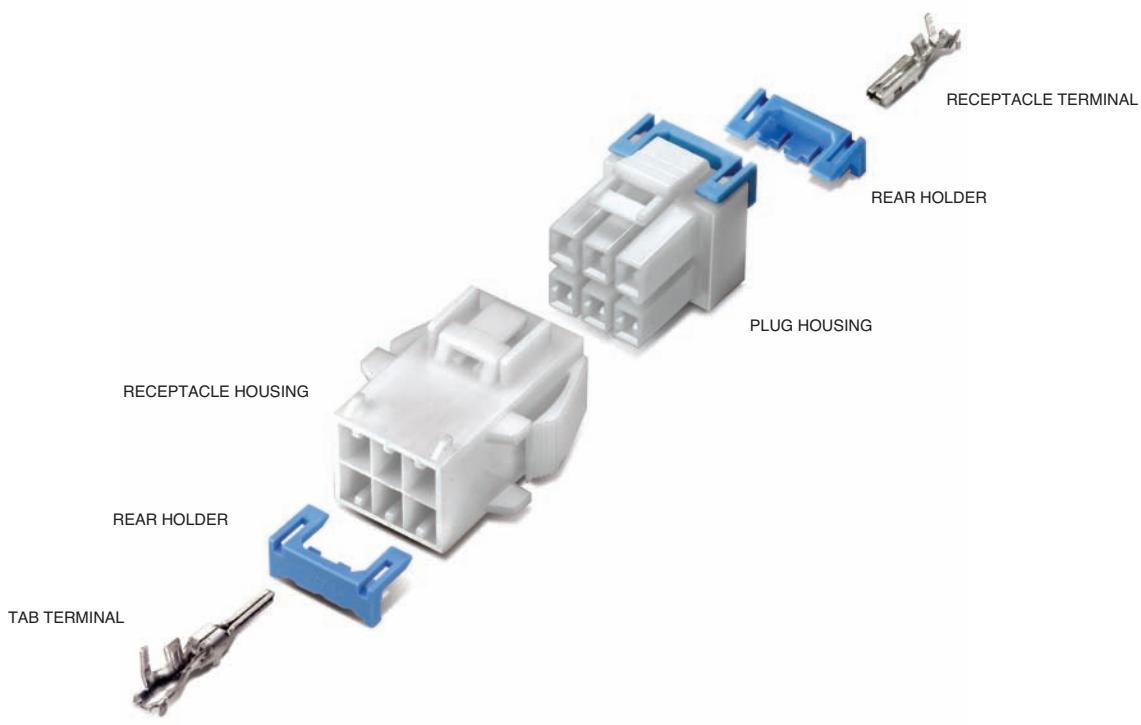
PANEL HOLE DIMENSION (TYPE:A)



PANEL HOLE DIMENSION (TYPE:B)

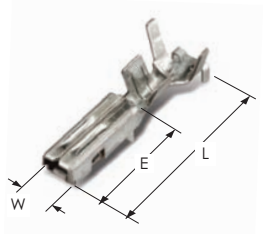
NEW 060 CONNECTOR

- These connectors are used in industrial equipments and home appliances such as microwave ovens, laundry machines and refrigerators.
- They are suitable for connecting mid and high current carrying circuits, and are available both in relay models and panel-mounting models.
- Rear holders are fitted to structures to prevent incomplete terminal locking or non-insertion.
- Terminals are designed as a box-type structures to improve contact and electrical reliability.
- The Push-Pull Locking structure prevents arm-locking in housing locking types.

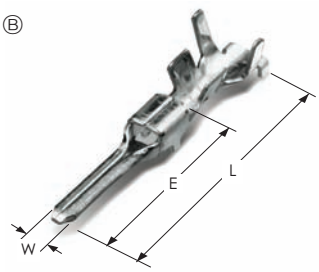


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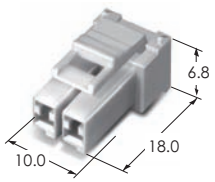
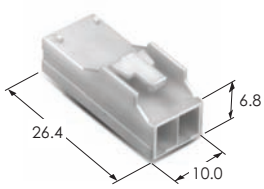
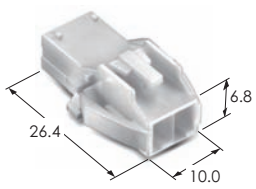
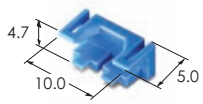
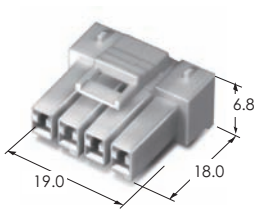
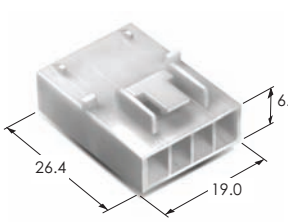
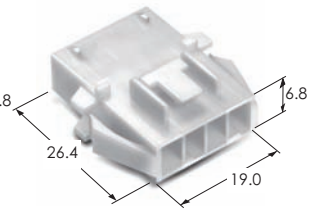
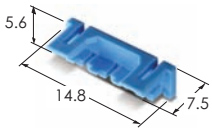
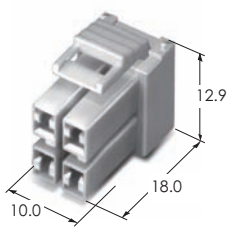
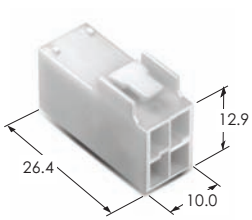
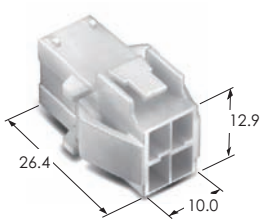
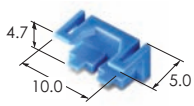
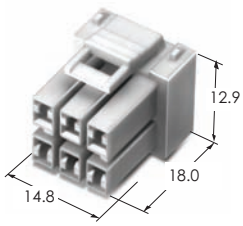
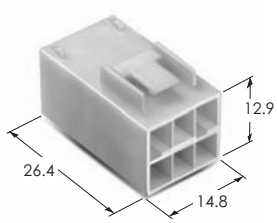
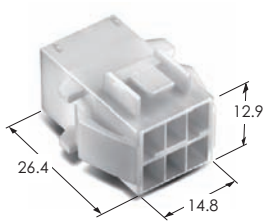
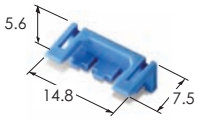
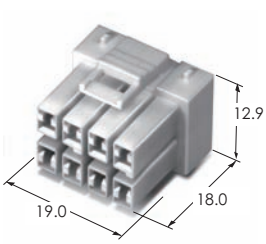
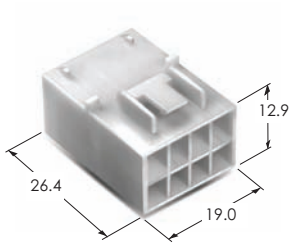
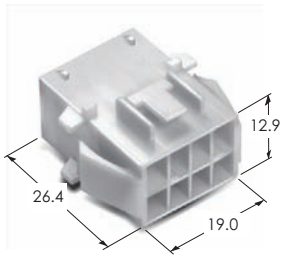
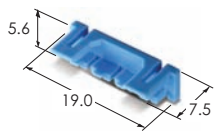


Part No.	Wire Range		Material	Dimension(mm)			Type
	AWG	mm²	Finish	L	E	W	
■ST731081-3	26-22	0.22-034	Copper Alloy Pre-Tin	14.5	5.0	2.5	Ⓐ
■ST731082-3	20-18	0.52-0.87	Copper Alloy Pre-Tin	14.5	5.0	2.5	
■ST731083-3	18-16 22+22	0.87-1.32	Copper Alloy Pre-Tin	14.5	5.0	2.5	
■ST741084-3	26-22	0.22-034	Brass Pre-Tin	18.3	8.6	1.5	Ⓑ
■ST741085-3	20-18	0.52-0.87	Brass Pre-Tin	18.3	8.6	1.5	
■ST741086-3	18-16 22+22	0.87-1.32	Brass Pre-Tin	18.3	8.6	1.5	

KET ENGINEERED

NEW 060 CONNECTOR

HOUSING

Poles	Female	Male	Rear Holder
2	■ MG 614538(GWIT) 	■ MG 624537(GWIT)  ■ MG 624540(GWIT) 	MG 634487(V0) 
4	■ MG 614158(GWIT) 	■ MG 624208(GWIT)  ■ MG 624159(GWIT) 	MG 634164(V0) 
	■ MG 614488(GWIT) 	■ MG 624489(GWIT)  ■ MG 624490(GWIT) 	MG 634487(V0) 
6	■ MG 614160(GWIT) MG 614812(V0) 	■ MG 624209(GWIT)  ■ MG 624161(GWIT) 	MG 634165(V0) 
8	■ MG 614162(GWIT) MG 614814(V0) 	■ MG 624210(GWIT)  ■ MG 624163(GWIT) MG 624163L(V0) 	MG 634164(V0) 

NEW 050 CONNECTOR

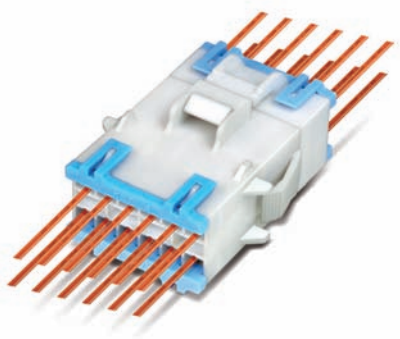
TWO FUNCTION(WP / NWP)

▶ Design for parts which requires waterproof and non water proof function.

SECONDARY RETAINER

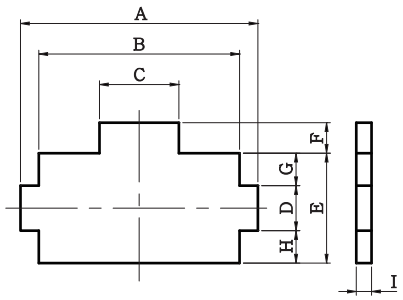
▶ The secondary retainers enhance safety in case of partial insertion or accidental release of the contact.
Double lock structure for reliable terminal insertion.

Current Rating		8A
Voltage Rating		300V
Temperature Range		−40℃~+105℃
Contact Resistance		3mV/A Min. (Initial Value)
		6mV/A Min. (After Environmental Testing)
Insulation Resistance		1,000MΩ Min
Dielectric Strength		AC 2,500(V / MIN.)
Wire Size		AWG #26-18, #20+20, #18+18
Material	HS'G	PA66 (V0), PET+PC(GWIT)
	R / H	PA66(V0)
	TM'L	TAB: Brass Pre-Tin REC. : Copper Alloy/Pre-Tin



PANEL HOLE DIMENSIONS

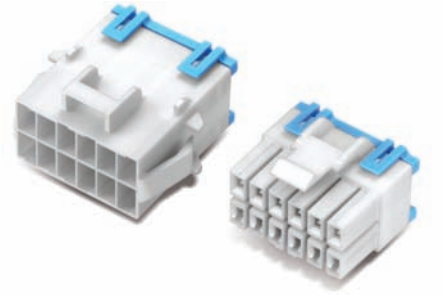
Poles	Part Number	Panel hole dimensions(mm) Tolerance ±0.1								
		A	B	C	D	E	F	G	H	I
12	MG624693	38.65	33.85	10.40	5.90	17.70	4.30	4.85	6.95	0.8-2.0
12	MG625251	31.10	26.30	10.40	5.90	14.40	4.00	-	-	0.8-2.0
18	MG625255	47.60	42.80	10.40	5.90	14.40	4.00	-	-	0.8-2.0
20	MG625431	47.90	43.10	10.40	5.90	14.40	3.50	-	-	0.8-2.0

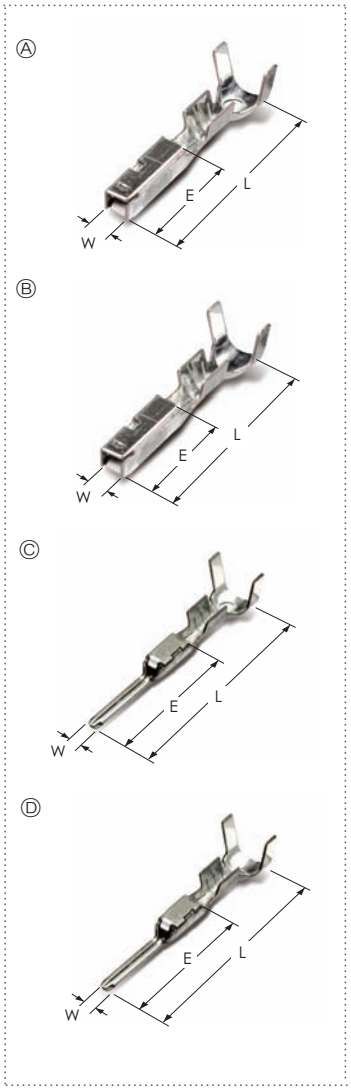


PANEL HOLE DIMENSION

NEW 050 CONNECTOR

▶These connectors are used in industrial equipments and home appliances such as microwave ovens, laundry machines and refrigerators.
▶They are suitable for connecting mid and high current carrying circuits, and are available both in relay models and panel-mounting models.





TERMINAL

Part No.	Wire Range AWG	Wire Range mm²	Material Finish	Dimension(mm) L	Dimension(mm) E	Dimension(mm) W	Type
■ ST731169-3	24-22	0.22-034	Copper Alloy Pre-Tin	15.8	6.5	2.05	Ⓐ
■ ST731170-3	20-18	0.53-0.86	Copper Alloy Pre-Tin	15.8	6.5	2.05	
■ ST731395-3	26-24	0.13-0.22	Copper Alloy Pre-Tin	15.8	6.5	2.05	Ⓑ
■ ST731171-3	24-22	0.22-034	Copper Alloy Pre-Tin	15.8	6.5	2.05	
■ ST731172-3	20-18	0.53-0.86	Copper Alloy Pre-Tin	15.8	6.5	2.05	
■ ST731303-3	20+20 18+18	1.0-1.72	Copper Alloy Pre-Tin	15.8	6.5	2.05	Ⓐ
■ ST741173-3	24-22	0.22-034	Brass Pre-Tin	22.2	12.9	1.2	Ⓒ
■ ST741174-3	20-18	0.53-0.86	Brass Pre-Tin	22.2	12.9	1.2	
■ ST741357-3SS	26-24	0.13-0.22	Brass Pre-Tin	22.2	12.9	1.2	Ⓓ
■ ST741175-3	24-22	0.22-034	Brass Pre-Tin	22.2	12.9	1.2	
■ ST741176-3	20-18	0.53-0.86	Brass Pre-Tin	22.2	12.9	1.2	
■ ST741304-3	20+20 18+18	1.0-1.72	Brass Pre-Tin	22.2	12.9	1.2	Ⓒ

WIRE SEAL

Part No.	Wire Range AWG	Wire Range mm²	ϕ	Material	Color	Dimension(mm) L	Dimension(mm) E	Type
MG684872	INNER -SEAL	-	-	Silicone	Black	-	-	Ⓔ
MG684699	24-22	0.22-0.34	Ø2.15-2.30	Silicone	Red	7.0	4.6	Ⓕ
MG684700	20-18	0.53-0.86	Ø2.5-2.75	Silicone	Blue	7.0	4.6	Ⓖ
MG683695	DUMMY -SEAL	-	–	Silicone	Black	6.2	4.9	Ⓗ

Ⓔ



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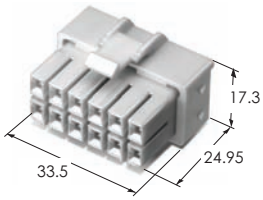
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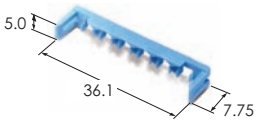


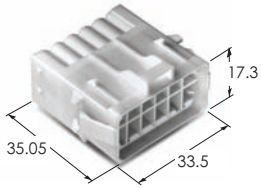
NEW 050 CONNECTOR

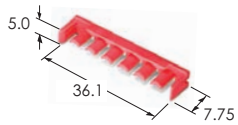
HOUSING (Waterproof)

Poles	Plug housing for female terminal	Rear holder	Receptacle housing for male terminal	Rear holder
12	■ MG 614695(V0)	■ MG 634697(V0)	■ MG 624693(V0)	MG 634698(V0)



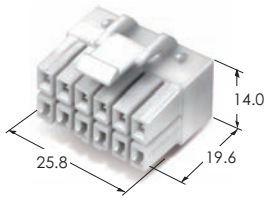


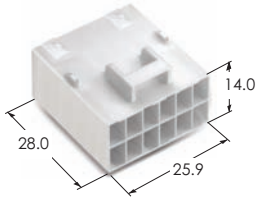


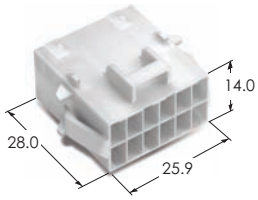


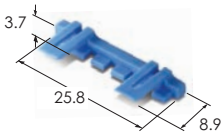
HOUSING (Non-waterproof)

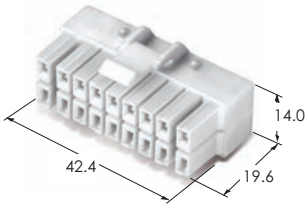
Poles	Plug housing for female terminal	Receptacle housing for male terminal		Rear Holder
12	■ MG 615249(V0) MG 615249T-012(GWIT)	■ MG 625250(V0)	■ MG 625251(V0) MG 625251T-012(GWIT) MG 625481-012(V0)	MG 635252(V0)
18	MG 615253(GWIT)	MG 625254(GWIT)	MG 625255(GWIT)	MG 635256(V0)
20	MG 615562(GWIT)	MG 625432(GWIT)	MG 625431(GWIT)	MG 635620(V0)
	MG 615636-120(GWIT)	MG 625483-120(GWIT)		

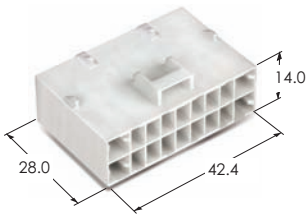


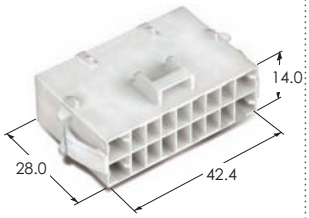


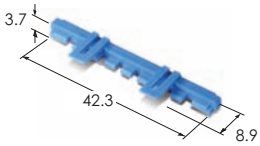


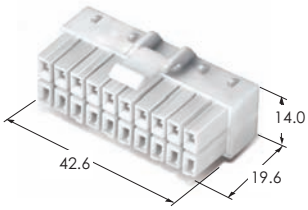


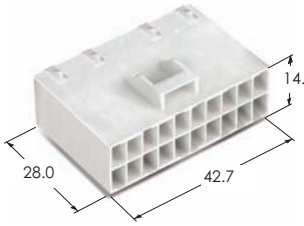


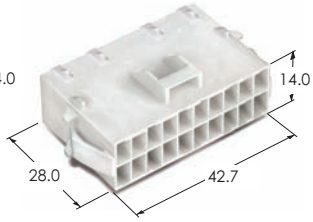


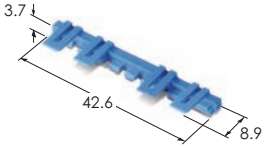


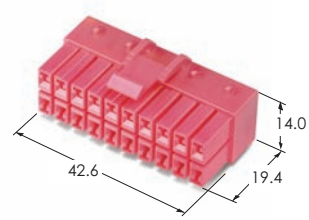


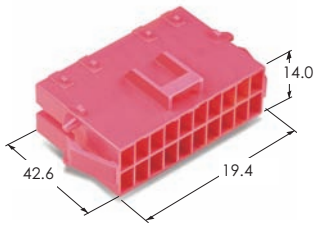






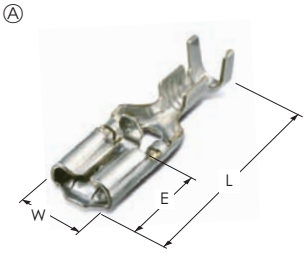




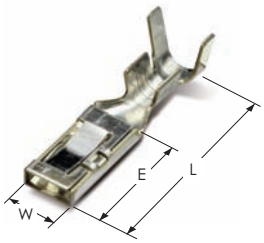


MOTOR MULTI CONNECTOR

Ⓐ



Ⓑ



MULTI & STABLE CONNECTION

▶250 & 125 hybrid type wire-to-unit system offers superior reliability , easy assembly and disconnection. especially, 125 female terminal has two contact surface which ensure stable and reliable connection.

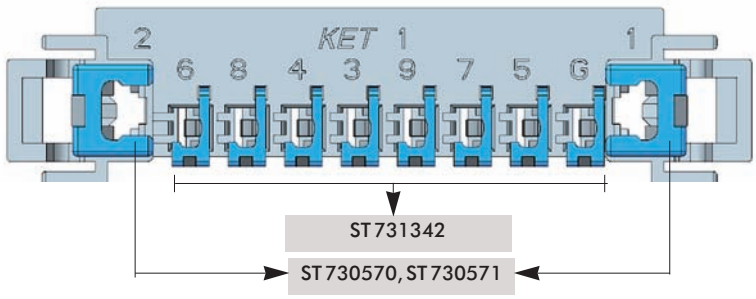
SECONDARY RETAINER

▶The secondary retainers enhance safety in case of partial insertion or accidental release of the contact.

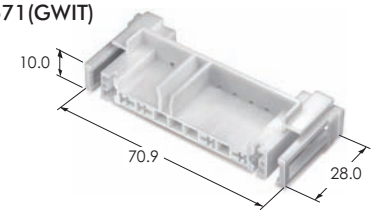
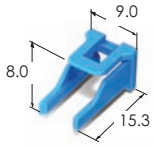
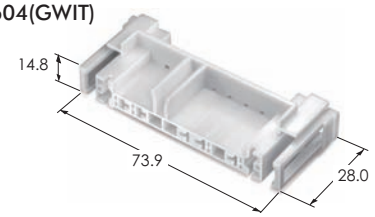
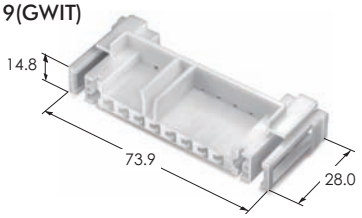
Current Rating	10A
Voltage Rating	300V
Temperature Range	−40℃ ~ +105℃

TERMINAL

Part No.	Wire Range		Material	Dimension(mm)			Type
	AWG	mm^2	Finish	L	E	W	
ST730570-3	22-18	0.31-0.89	Brass Pre-Tin	22.8	6.5	7.6	Ⓐ
ST730571-3	18-14	0.76-2.09	Brass Pre-Tin	22.8	6.5	7.6	
ST731342-3	20-18	0.53-0.86	Brass Pre-Tin	14.7	7.0	3.8	Ⓑ



HOUSING

Poles	female			
6	MG635571(GWIT) 	MG635572-2(V0)  Suitable Terminal: ST730570, 730571	MG635573-2(V0) 	MG635574-1(V0)  Suitable Terminal: ST731342
7	MG615604(GWIT) 	Suitable Terminal : 250-ST730570, 571 / 125-ST731342 Suitable Rear Holder : 250-MG635572-2 / 125-MG635573-2, 635574-1		
10	MG615619(GWIT) 	Suitable Terminal : 250-ST730570, 571 / 125-ST731342 Suitable Rear Holder : 250-MG635572-2 / 125-MG635573-2		

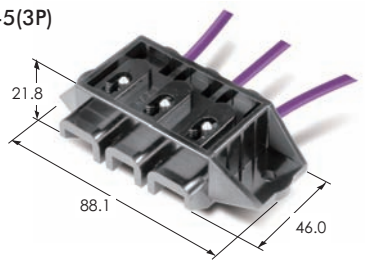
POWER BLOCK

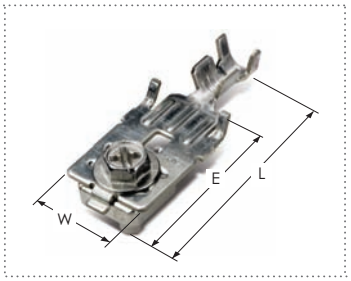
- Connector designed for high voltage in an appliance.
- The connectors are designed to be mounted to the chassis of a household appliance.

Current Rating	40A
Voltage Rating	300V
Temperature Range	−55℃ ~ +150℃

Plug housing for female terminal

■ MG 625428-5(3P)

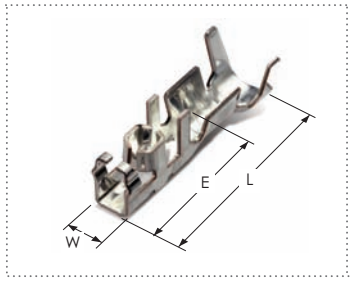




TERMINAL

Part No.	Wire Range AWG	Wire Range mm²	Material Finish	Dimension(mm) L	Dimension(mm) E	Dimension(mm) W	Type
■ ST761319-3	18-16	0.8-1.3	Brass, Pre-Tin	36.3	13.7	14.5	
■ ST761320-3	14-12	2.2-3.5	Brass, Pre-Tin	36.3	13.7	14.5	
● ST761330-3	10	5.2	Brass, Pre-Tin	36.3	13.7	14.5	

CLUSTER CONNECTOR(30A)

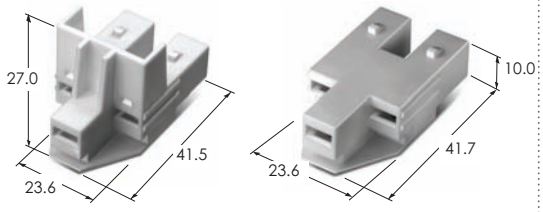


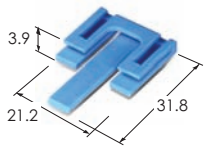
A/C COMP TERMINAL

Part No.	Wire Range AWG	Wire Range mm²	Material Finish	Dimension(mm) L	Dimension(mm) E	Dimension(mm) W	Type
■ ST731109-3	12-10	3.0-5.0	Copper Alloy / Pre-Tin	22.8	5.4	4.0	

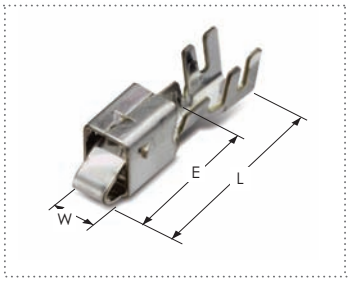
HOUSING

Poles	Female	Rear Holder
3	■ MG 634211 (V0) ■ MG 635343 (V0)	■ MG 634617 (V0)





5.0mm PITCH CONNECTOR

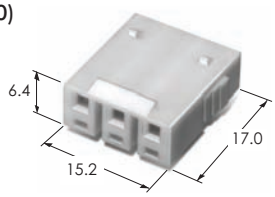


TERMINAL

Part No.	Wire Range AWG	Wire Range mm²	Material Finish	Dimension(mm) L	Dimension(mm) E	Dimension(mm) W	Type
ST731299-3	24-20	0.2-0.5	Brass / Pre-Tin	12.4	5.5	3.0	

HOUSING

Poles	Female	Rear Holder
3	MG 615168 (V0)	MG 635169(V0)





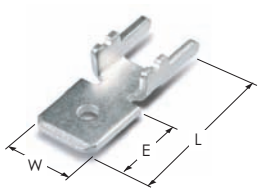
KET ENGINEERED

PCB CONNECTOR

250 P.C.B TAB TERMINAL

Part No.	Wire Range		Material	Dimension(mm)			Type
	AWG	mm²	Finish	L	E	W	
GP881191-2		Pitch:4.8	Brass	15.5	8.0	6.35	Ⓐ
GP881191-3			Brass/Tin				
■ GP881206-2		Pitch:4.8	Brass	18.0	8.0	6.35	Ⓒ
			Brass/Tin				

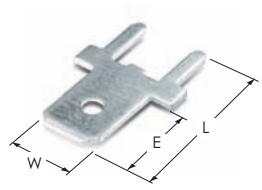
Ⓐ



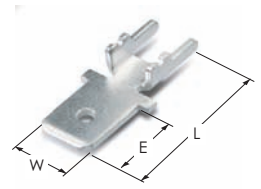
187 P.C.B TAB TERMINAL

Part No.	Wire Range		Material	Dimension(mm)			Type
	AWG	mm²	Finish	L	E	W	
△ GP881200-2		Pitch:4.5	Brass	12.1	6.35	4.75	Ⓑ
△ GP881200-3			Brass/Tin				
■ GP881205-2		Pitch:4.5	Brass	14.5	6.35	4.75	Ⓒ
			Brass/Tin				

Ⓑ

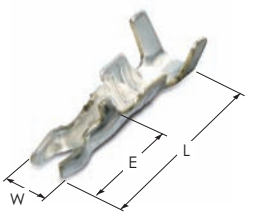


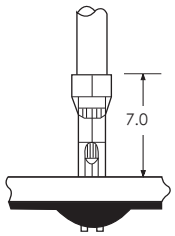
Ⓒ



▶Many single-pole wire connections are used on printed circuit boards.
▶The crimping connector is inserted into a hole of PC Board ;
enable fast processing and easy soldering
▶Eliminated the insecurity frictional connection of usual two-piece connectors.

Ⓓ





SPECIFICATIONS	
Temperature range	-25℃~+85℃
Applicable wires	AWG#26~#18
Applicable PC board thickness	.063″(1.6mm)

Ⓔ



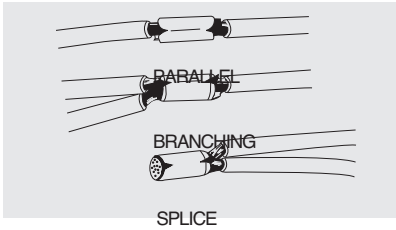
Ø1.8 P.C.B CONTACT TERMINAL

Part No.	Wire Range		Material	Dimension(mm)			Type
	AWG	mm²	Finish	L	E	W	
ST780387-3	24-20	0.2-0.5	Brass Pre-Tin	10.0	3.6	2.2	Ⓓ
ST780400-3	20-18	0.5-0.85	Brass Pre-Tin	10.0	3.6	2.2	
ST780956-3	16	1.25					
ST780487-3	22-18	0.3-0.85	Brass Pre-Tin	6.8	4.1		Ⓔ

SPLICE

WIRE SPLICE

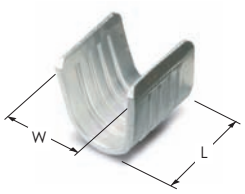
- Designed for crimping terminals which combine with two or more stranded wires.
- Suitable for electrical home appliances, automotive circuits and electronic products : also useful in general circuits.



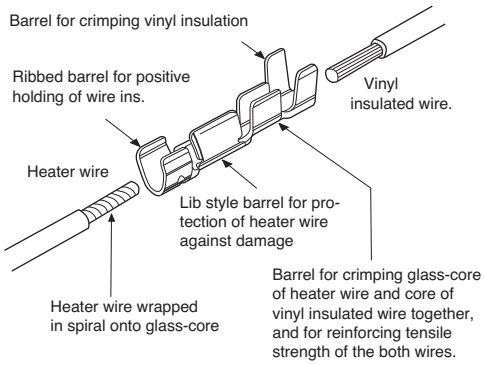
SPLICE

WIRE SPLICE(SIDE FEED)

Ⓐ

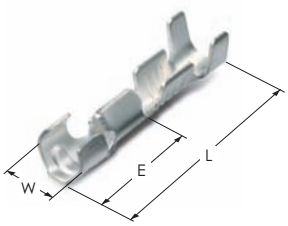


Part No.	Wire Range mm²	Material Finish	Dimension(mm) L	E	W	Type
ST760320-1	0.6-0.95	Brass	6.0		3.2	Ⓐ
ST760320-2		Brass/Tin				
ST760320-2SS		Brass/Tin				
ST760149-1	0.85-1.72	Brass	6.0		4.0	
ST760149-2		Brass/Tin				
ST760145-1	3.05-5.3	Brass	6.0		6.0	
ST760145-2		Brass/Tin				
ST760146-1	7.0-13.0	Brass	8.0		8.0	
ST760146-2		Brass/Tin				
ST760299-1	1.82-3.05	Brass	6.0		5.0	
ST760299-2		Brass/Tin				
ST760344-1	16.0-18.0	Brass	8.5		10.0	
ST760344-2		Brass/Tin				
ST761305-3	0.5+0.3(Solid)	Brass/Pre-Tin	3.8		2.56	



HEATER SPLICE

Ⓑ

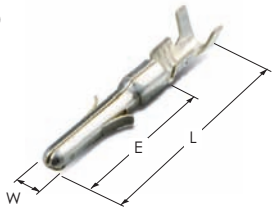


Part No.	Wire Range AWG	Wire Range mm²	Material Finish	Dimension(mm) L	E	W	H	Type
ST760322-1	22-18	0.3-0.85	Brass	19.0	9.7	4.5	3.0	Ⓑ
ST760322-2			Brass/Tin					

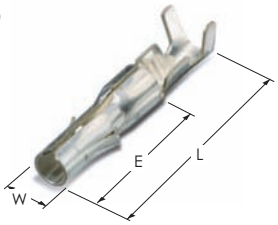
PIN & RECEPTACLE TERMINAL

Ø2.36 TERMINAL

Ⓐ



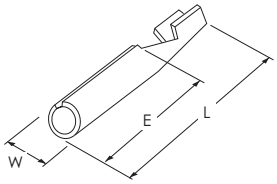
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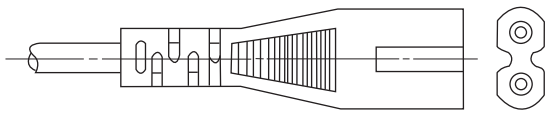
Part No.	Description	Wire Range AWG(mm²)	Material / Finish	Dimension(mm) L	E	W	Type
ST750301-3	2.36 Pin	20-18 (0.5-0.85)	Brass Pre-Tin	23.0	15.5	2.36	Ⓐ
◇ ST750161-3		18-14 (0.75-2.27)	Brass Pre-Tin	23.0	15.5	2.36	
ST730300-3	2.36 Rec.	20-18 (0.5-0.85)	Brass Pre-Tin	19.0	11.5		Ⓑ
◇ ST730160-3		18-14 (0.75-2.27)	Brass Pre-Tin	19.0	11.5		

AC POWER CORD TERMINAL

Ⓒ



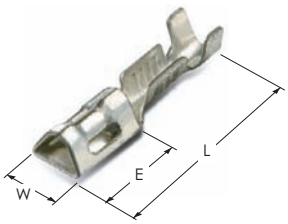
Part No.	Description	Wire Range AWG(mm²)	Material / Finish	Dimension(mm) L	E	W	Type
ST730076-1	Ø2.35 Connector	20-16 (0.5-1.5)	Brass	16.0	9.5	3.15	Ⓒ



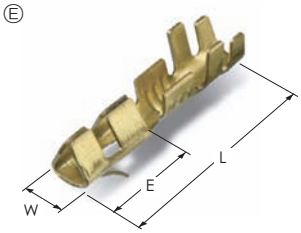
- Designed for use in various electronic and electrical appliances.
- These connectors provide stable electrical efficiency and extremely reliable insertion and withdrawal resistance.

MULTI COMBINATION TERMINAL

Ⓓ

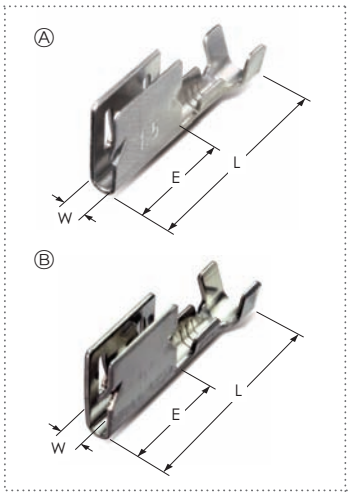


Ⓔ



Part No.	Description	Wire Range AWG(mm²)	Material / Finish	Dimension(mm) L	E	W	Type
ST730256-3	Ø2.0 Rec. (Without Lance)	22-20 (0.3-0.5)	Brass Pre-Tin	18.5	7.4	4.8	Ⓓ
ST730257-3		18-14 (0.75-2.27)	Brass Pre-Tin	18.5	7.4	4.8	
ST730172-1	Ø2.0 Rec. (With Lance)	20-16 (0.5-1.25)	Brass	16.0	6.0	3.05	Ⓔ
ST730172-3			Brass/Tin				

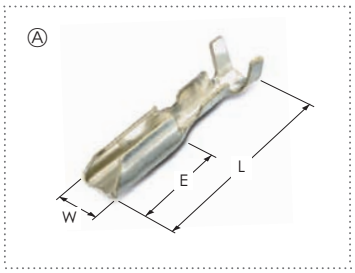
EARTH CLIP TERMINAL



TERMINAL

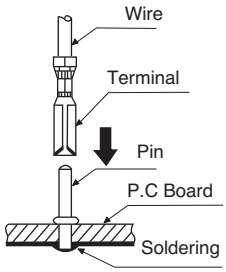
Part No.	Wire Range		Material	Dimension(mm)			Type
	AWG	mm^2	Finish	L	E	W	
ST781315-1	20-18	0.5-085	SUS	19.7	9.0	2.6	Ⓐ
ST781316-1	20+20 18+18	1.0-1.7	SUS	19.7	9.0	2.6	
ST781321-1	20-18	0.5-085	SUS	19.7	9.0	2.6	Ⓑ
ST781322-1	20+20 18+18	1.0-1.7	SUS	19.7	9.0	2.6	

MISCELLANEOUS PRODUCT



090(∅2.36) TERMINAL(Without Lance)

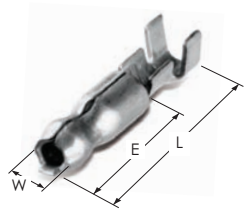
Part No.	Wire Range		Material	Dimension(mm)			Type
	AWG	mm^2	Finish	L	E	W	
ST730017-3	24-20	0.2-0.56	Brass Pre-Tin	15.2	7.0	3.0	Ⓐ



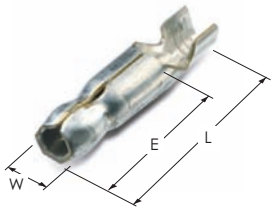
SPECIFICATIONS
Current rating 3A AC. DC
Contact Res. 10mΩ/ Initial Max.

BULLET TERMINAL

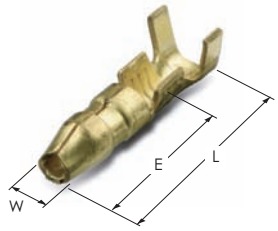
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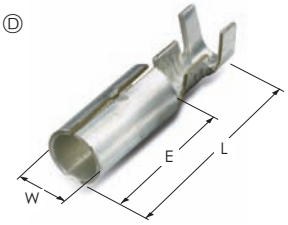
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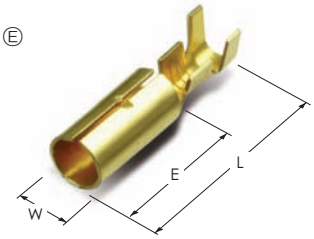
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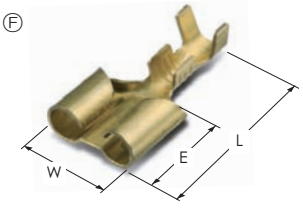
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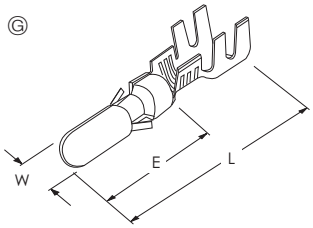
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I80(Ø4.57) TERMINAL

Part No.	Description	Wire Range AWG(mm²)	Material / Finish	Dimension(mm) L	E	W	Type
◇ ST750035-1	Ø4.57 Pin	20-14 (0.56-2.27)	Brass	18.8	10.8	4.6	Ⓐ
◇ ST750035-3			Pre-Tin				
◇ ST750120-3	Ø4.57 Pin (Mold Type)	20-14 (0.56-2.27)	Pre-Tin	18.9	11.0	4.6	Ⓑ
◇ ST730029-1	Ø4.57 Rec.	20-14 (0.5-2.27)	Brass	19.85	10.7	5.2	Ⓓ
ST730029-3			Pre-Tin				
◇ ST730056-1	Ø4.57 Rec. (Mold Type)	20-14 (0.56-2.27)	Brass	19.85	10.7	5.2	Ⓔ
ST730056-3			Pre-Tin				

I56(Ø3.96) TERMINAL

Part No.	Description	Wire Range AWG(mm²)	Material / Finish	Dimension(mm) L	E	W	Type
■ ST750318-1	Ø3.96 Pin	22-20 (0.3-0.5)	Brass	17.2	8.6	4.0	Ⓒ
■ ST750318-3			Pre-Tin				
◘ ST750036-1		18-14 (0.85-2.27)	Brass	17.2	8.6	4.0	
■ ST750036-3			Pre-Tin				
■ ST750398-1		14-12 (2.0-3.0)	Brass	17.2	8.6	4.0	
■ ST750398-3			Pre-Tin				
■ ST730317-1	Ø3.96 Rec.	22-20 (0.3-0.5)	Brass	17.6	6.5	4.7	Ⓓ
■ ST730317-3			Pre-Tin				
◘ ST730018-1		18-14 (0.85-2.27)	Brass	17.6	6.5	4.7	
■ ST730018-3			Pre-Tin				
■ ST730343-1		#18×20 #18×20 #18×20 #18×20	Brass	17.6	6.5	4.7	
■ ST730343-3			Pre-Tin				
■ ST730282-1			Brass	18.0	6.7	4.7	
■ ST730282-3			Pre-Tin				
◘ ST730177-1	Ø3.96 Rec. 2 Hole	18-14 (0.85-2.27)	Brass	20.2	9.0	11.0	Ⓕ
■ ST730177-3			Pre-Tin				
ST730522-1	Ø3.96 Rec.	18-14 (0.85-2.27)	Brass	17.6	6.5	4.7	Ⓓ

I40(Ø3.56) TERMINAL

Part No.	Description	Wire Range AWG(mm²)	Material / Finish	Dimension(mm) L	E	W	Type
◇ ST750130-1	Ø3.56 Pin	20-14 (0.5-2.27)	Brass	15.8	7.2	3.6	Ⓒ
ST750130-3			Pre-Tin				
◇ ST730060-1	Ø3.56 Rec.	20-14 (0.5-2.27)	Brass	18.0	6.7	4.0	Ⓓ
ST730060-3			Pre-Tin				
ST730179-1	Ø3.56 Rec. 2 Hole	18-14 (0.85-2.27)	Brass	20.2	9.0	11.0	Ⓕ
ST730179-3			Pre-Tin				

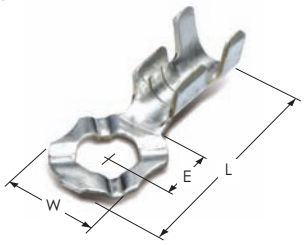
I40(Ø3.56) TERMINAL

Part No.	Description	Wire Range AWG(mm²)	Material / Finish	Dimension(mm) L	E	W	Type
ST750426-3	Ø3.56 Pin	20-14 (0.5-2.27)	Brass Pre-Tin	25.2	12.4	3.56	Ⓖ
ST750427-3		14-10 (2.0-5.27)		25.2	12.4	3.56	

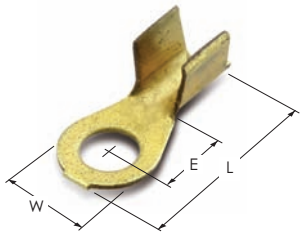
RING TERMINAL

RING TERMINAL

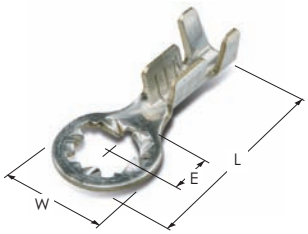
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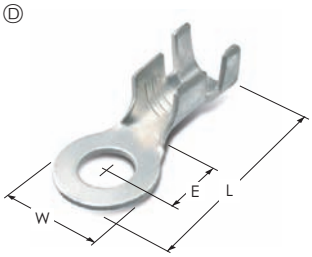
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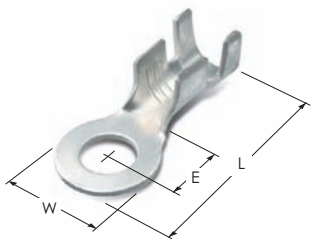
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Part No.	Wire Range		Stud Size (mm)	Material	Dimension(mm)			Type
	AWG	mm²		Finish	L	E	W	
ST711003-3	26-24	0.25-0.3	2.5	Brass / Pre-Tin	9.24	-	-	Ⓐ
ST710176-3	24-22	0.2-0.3	2.5	Pre-Tin	10.9	3.5	5.2	Ⓑ
ST710080-3	18	0.85	3.2	Brass / Pre-Tin	9.24	-	6.0	Ⓑ
● ST710390-1 ■ ST710390-3	20-18	0.5-0.89	3.7	Brass / Pre-Tin	9.5	4.0	6.0	Ⓑ
ST710489-1 ST710489-3	20-14	0.5-2.0	4.3	Brass / Pre-Tin	16.75	5.8	7.5	Ⓒ
ST710944-3	18+18	1.5	4.3	Brass / Pre-Tin	16.75	5.8	7.5	Ⓒ
ST710945-3	22-20	0.3-0.5	4.3	Pre-Tin	16.6	5.8	7.5	Ⓒ
ST710946-3	20-18	0.5-0.75	4.3	Pre-Tin	16.6	5.8	7.5	Ⓒ
ST710947-3	16-14	1.25-2.0	4.3	Pre-Tin	16.6	5.8	7.5	Ⓒ
○ ST710151-2	24-20	0.2-0.3	2.5	Brass/Tin	9.3	2.9	4.6	Ⓓ
● ST710354-1 ● ST710354-2	20-18	0.3-0.89	2.5	Brass / Brass/Tin	9.3	2.9	4.6	Ⓓ
○ ST710011-1 ○ ST710011-2	24-22	0.2-0.3	2.5	Brass / Brass/Tin	9.3	2.9	4.6	Ⓓ
● ST710008-1 ● ST710008-2	22-18	0.3-0.89	2.7	Brass / Brass/Tin	11.3	3.8	5.0	Ⓓ
● ST710091-1 ■ ST710091-3	22-18	0.3-0.89	2.7	Brass / Pre-Tin	11.3	3.8	5.0	Ⓓ
● ST710079-1 ■ ST710079-2	22-18	0.3-0.89	3.03	Brass / Brass/Tin	11.3	3.8	5.0	Ⓓ
○ ST710388-1 ST710388-3	22-20	0.3-0.56	3.2	Brass / Pre-Tin	16.5	6.85	7.0	Ⓓ
■ ST710071-2	18-14	0.81-2.27	3.2	Brass/Tin	16.75	5.8	7.5	Ⓓ
ST710227-3	24	0.2	3.2	Pre-Tin	11.3	3.8	5.0	Ⓓ
● ST710010-1 ■ ST710010-3	22-18	0.3-0.89	3.2	Brass / Pre-Tin	11.3	3.8	5.0	Ⓓ
○ ST710124-2	18-14	0.81-2.27	3.2	Brass/Tin	16.75	5.8	7.5	Ⓓ
● ST710350-1 ■ ST710350-3	22-18	0.3-0.89	3.2	Brass / Pre-Tin	16.75	5.8	7.5	Ⓓ
● ST710132-1 ■ ST710132-3	20-18	0.56-0.89	3.2	Brass / Pre-Tin	11.5	3.5	6.0	Ⓓ
● ST710290-1 ■ ST710290-3	20-18	0.56-0.89	3.2	Brass / Pre-Tin	11.25	4.0	5.5	Ⓓ
● ST710086-1 ■ ST710086-3	18	0.85	3.2	Brass / Pre-Tin	11.75	4.0	6.5	Ⓓ
◘ ST710094-1 ■ ST710094-3	18-14	0.81-2.27	3.2	Brass / Pre-Tin	16.75	5.8	7.5	Ⓓ
● ST710209-1 ● ST710209-2	18-14	0.81-2.27	3.2	Brass / Brass/Tin	19.25	7.5	8.5	Ⓓ

RING TERMINAL

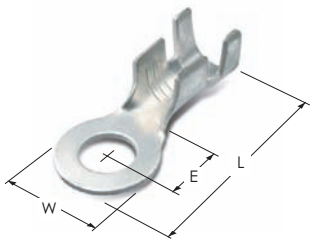
RING TERMINAL



Part No.	Wire Range		Stud Size (mm)	Material	Dimension(mm)			Type
	AWG	mm^2		Finish	L	E	W	
■ ST710345-3	18	0.85	3.6	Pre-Tin	10.2	3.0	6.0	
● ST710391-1	18	0.85	3.7	Brass	11.75	4.0	6.5	
● ST710210-1	18-14	0.81-2.27	3.7	Brass	19.25	7.5	8.5	
● ST710210-2				Brass/Tin				
■ ST710389-3	22-20	0.3-0.56	4.3	Pre-Tin	16.5	6.85	7.0	
○ ST710230-1	20-18	0.56-0.89	4.3	Brass	11.75	4.0	6.5	
○ ST710230-2				Brass/Tin				
● ST710082-1	18-14	0.81-2.27	4.3	Brass	16.75	5.8	7.5	
◘ ST710239-1	20-18	0.56-0.89	4.3	Brass	16.75	5.8	7.5	
◘ ST710239-2				Brass/Tin				
● ST710127-1	20-14	0.56-2.27	4.3	Brass	16.75	5.8	7.5	
● ST710127-2				Brass/Tin				
◘ ST710158-1	20-18	0.56-0.89	4.3	Brass	16.75	5.8	7.5	
■ ST710158-3				Pre-Tin				
◘ ST710087-1	18	0.85	4.3	Brass	11.75	4.0	6.5	
■ ST710087-3				Pre-Tin				
◘ ST710095-1	18-14	0.81-2.27	4.3	Brass	16.75	5.8	7.5	
■ ST710095-3				Pre-Tin				
● ST710211-1	18-14	0.81-2.27	4.3	Brass	19.25	7.5	8.5	
● ST710211-2				Brass/Tin				
● ST710289-1	18-14	0.81-2.27	4.3	Brass	19.25	7.5	8.5	
● ST710289-2				Brass/Tin				
● ST710226-1	10-8	5.0-8.0	4.3	Brass	24.0	8.0	10.0	
● ST710226-2				Brass/Tin				
◘ ST710155-1	20-14	0.56-2.27	5.1	Brass	16.6	5.8	7.5	
■ ST710155-3				Pre-Tin				
○ ST710438-1	20+20 or 18+22 18+20 or 18+18 16+22 or 18+20		5.1	Brass	16.75	5.8	7.5	
ST710438-3				Pre-Tin				
◘ ST710197-1	18-14	0.81-2.27	5.3	Brass	19.25	7.5	8.5	
◘ ST710197-2				Brass/Tin				
◘ ST710348-1	18	0.85	5.4	Brass	19.5	7.5	10.0	
◘ ST710348-2				Brass/Tin				
ST710702-1	14-12	2.0-3.0	5.4	Brass	26.0	9.0	12.0	
ST710702-2				Brass/Tin				
● ST710237-1	10-8	5.0-8.0	5.4	Brass	24.0	8.0	10.0	
● ST710237-2				Brass/Tin				
● ST710246-1	12-10	3.0-5.3	5.4	Brass	24.0	8.0	10.0	
● ST710246-2				Brass/Tin				
○ ST710235-2	22×2 20×2 20+20		6.4	Brass/Tin	24.0	9.0	12.0	
● ST710319-1	22-20	0.3-0.56	6.4	Brass	24.0	9.0	12.0	
■ ST710319-3				Pre-Tin				

RING TERMINAL

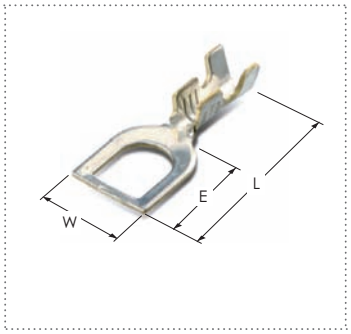
RING TERMINAL



Part No.	Wire Range		Stud Size (mm)	Material	Dimension(mm)			Type
	AWG	mm^2		Finish	L	E	W	
● ST710236-1	18-14	0.85-2.27	6.4	Brass	24.0	9.0	12.0	
■ ST710236-3				Pre-Tin				
ST710811-1	16	1.25	6.4	Brass	22.0	9.0	12.0	
ST710811-2				Brass/Tin				
● ST710262-1	14-12	2.0-3.0	6.4	Brass	26.0	9.0	12.0	
● ST710262-2				Brass/Tin				
● ST710447-1	12-10	3.0-5.3	6.4	Brass	26.0	9.0	12.0	
● ST710447-2				Brass/Tin				
● ST710384-1	12-10	3.0-5.3	6.4	Brass	29.0	12.0	12.0	
● ST710384-2				Brass/Tin				
ST710546-1	10-8	5.0-8.0	6.4	Brass	29.0	12.0	12.0	
ST710546-2				Brass/Tin				
○ ST710446-2	10+10	5.3+5.3	6.4	Brass	35.7	11.7	14.0	
				Brass/Tin				
● ST710286-1	18-14	085-2.27	8.4	Brass	30.0	11.0	16.0	
■ ST710286-3				Pre-Tin				
● ST710448-1	16-14	1.25-3.0	8.4	Brass	30.0	11.0	16.0	
● ST710448-2				Brass/Tin				
● ST710285-1	12-10	3.0-5.3	8.4	Brass	30.0	11.0	16.0	
● ST710285-2				Brass/Tin				
● ST710263-1	10-8	4.5-8.4	8.4	Brass	33.0	12.0	16.0	
● ST710263-2				Brass/Tin				
ST710592-1	10+10	5.3+5.3	8.4	Brass	36.7	19.7	16.0	
ST710592-2				Brass/Tin				
● ST710288-1	18-14	0.85-2.27	10.4	Brass	33.0	13.0	20.0	
■ ST710288-3				Pre-Tin				
● ST710287-1	12-10	3.0-5.3	10.4	Brass	33.0	13.0	20.0	
● ST710287-2				Brass/Tin				

SPADE TERMINAL

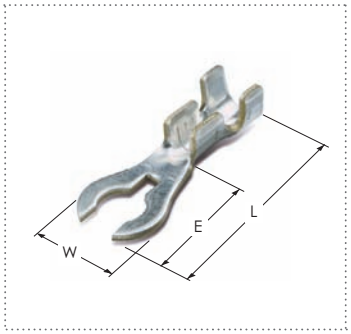
SPADE TERMINAL



Part No.	Wire Range		Stud Size (mm)	Material	Dimension(mm)			Type
	AWG	mm²		Finish	L	E	W	
■ ST720007-3	22-20	0.3-0.56	5.2	Pre-Tin	17.0	5.9	8.0	

KEY-HOLE & TAB TERMINAL

KEY-HOLE TERMINAL

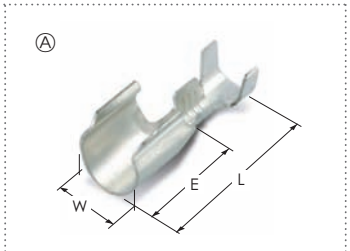


Part No.	Wire Range		Stud Size (mm)	Material	Dimension(mm)			Type
	AWG	mm²		Finish	L	E	W	
ST780295-1	18-16	0.81-1.3	4.4	Brass	21.0	8.0	8.2	
ST780295-3				Brass/Tin				

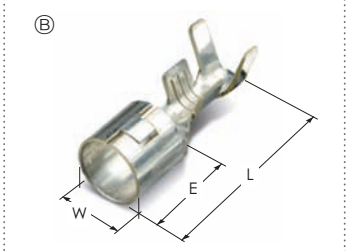
FUSE HOLDER TERMINAL

FUSE HOLDER TERMINAL

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Part No.	Wire Range		Material	Dimension(mm)			Type
	AWG	mm²	Finish	L	E	W	
ST780242-1	Ø6.0	18-16 AVSS 0.85-1.25	Brass	18.0	10.7	5.4	
ST780242-2			Brass/Tin				
ST780328-1	Ø6.0	14-12 AVS 2.0-3.0	Brass	18.0	10.7	6.5	Ⓐ
ST780328-2			Brass/Tin				
■ ST781223-3	Ø6.0	18-16 AVSS0.85-1.25	Copper Alloy	18.0	10.7	6.5	
			Pre-Tin				
ST780858-3	Ø6.5	16-14 AVSS1.25-2.0	Brass	17.7	8.7	7.0	Ⓑ
			Pre-Tin				

ELECTRIC PRODUCTS

(DISPLAY/LIGHTING/MOBILE PRODUCTS)

393~411page

ELECTRIC PRODUCTS

DISPLAY PRODUCTS



HDMI SERIES


K500050-19


K500015-19


K500052-19


K500131-19


K500124-19


K500125-19

HIGH SPEED SERIES


K500098-33


K500095-33

LIGHTING PRODUCTS



POKE IN SERIES


K500046-01


K500046-02


K500129-01


K500130-02

B to B SERIES


K500065-01


K500066-01


K500147-12

W to W SERIES


K500140-02


K500139-02


K500141


K500142

W to B SERIES


K500104-01


K500105-01


K500075-02


K500076-02

MOBILE PRODUCTS



USB TYPE-C SERIES


K500151-12


K500152-12


K500154-12


K500156-12


K500161-24


K500157-16

MICRO USB SERIES


K500084-04


K500107-02


K500112-04

C-CLIP SERIES


K500020-01


K500053-01


K500058-01


K500068-01


K500069-01

BATTERY SERIES

KA33B-240-04

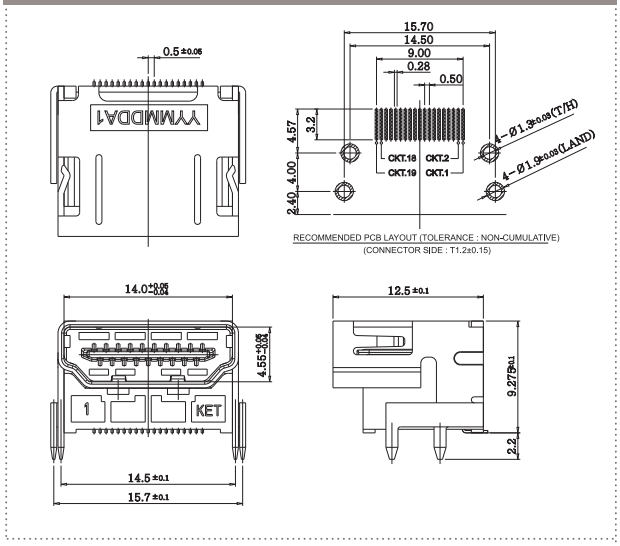
ELECTRIC INFO.

HDMI SERIES (DISPLAY PRODUCTS)

K500015-19



HDMI ANGLE TYPE (H9. 275)



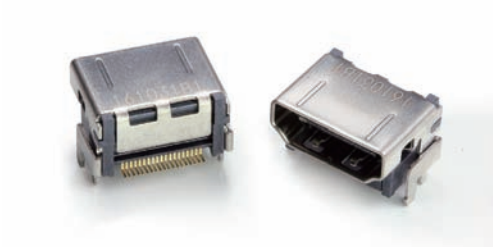
MATERIAL

LIST OF MATERIALS	
Insulator	Engineering Plastic
Contact A, B	Copper Alloy
Metal Shell	Copper Alloy
Plating	Contact : Au over Ni
	Metal Shell : Sn

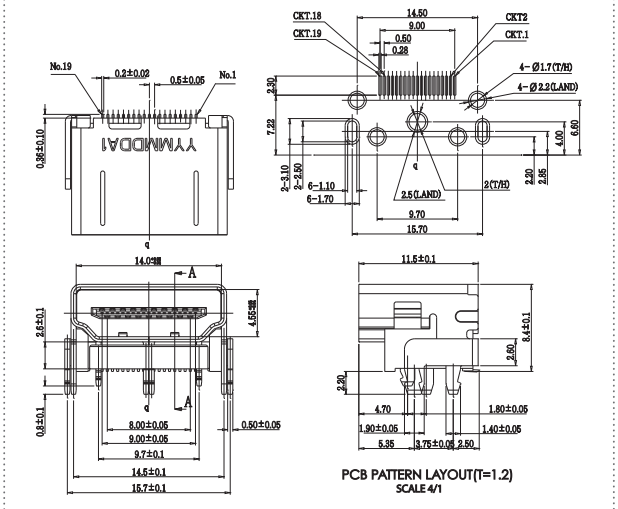
SPECIFICATIONS

ITEM	SPECIFICATIONS
Voltage Rating	AC/DC 40V
Current Rating	0.5A / Pin
Operating Temperature	-20℃ ~ +85℃
BDV	AC 500V
Contact Resistance	30mΩ Max

K500131-19



HDMI ANGLE TYPE (H8.4)



MATERIAL

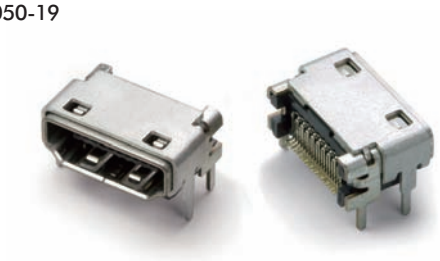
LIST OF MATERIALS	
Insulator	Engineering Plastic
Spacer	Engineering Plastic
Contact A, B	Copper Alloy
Metal Shell	Stainless Steel
Plating	Contact : Au Plating Over Ni
	Metal Shell : Ni Plating

SPECIFICATIONS

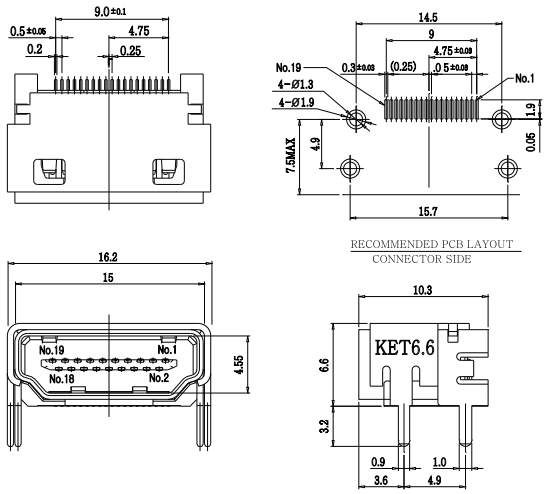
ITEM	SPECIFICATIONS
Voltage Rating	AC/DC 40V
Current Rating	0.5A / Pin
Operating Temperature	-20℃ ~ +85℃
BDV	AC 500V
Contact Resistance	30mΩ Max

HDMI SERIES (DISPLAY PRODUCTS)

K500050-19



HDMI ANGLE TYPE



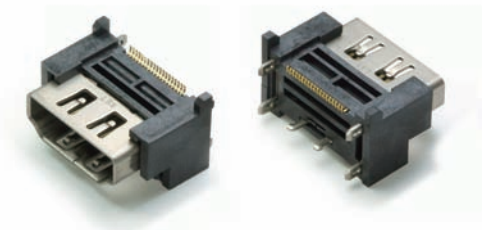
MATERIAL

LIST OF MATERIALS	
Insulator	Engineering Plastic
Terminal A	Copper Alloy
Terminal B	Copper Alloy
Shell	Copper Alloy
Shell Cover	Stainless Steel
Plating	Contact : Au Plating over Ni
	Metal Shell : Sn Plating
	Shell Cover : Sn Plating over Ni

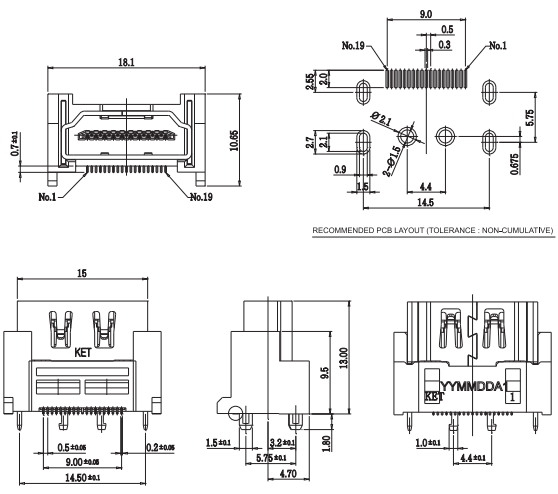
SPECIFICATIONS

ITEM	SPECIFICATIONS
Voltage Rating	AC/DC 40V
Current Rating	0.5A / Pin
Operating Temperature	-20℃ ~ +85℃
BDV	AC 500V
Contact Resistance	30mΩ Max

K500052-19



HDMI STRIGHT NW TYPE



MATERIAL

LIST OF MATERIALS	
Insulator	Engineering Plastic
Contact A, B	Copper Alloy
Metal Shell	Stainless Steel
Plating	Contact : Au Plating over Ni
	Metal Shell : Ni Plating

SPECIFICATIONS

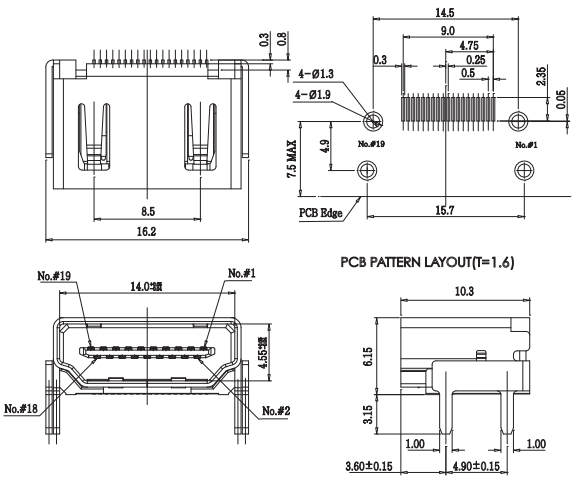
ITEM	SPECIFICATIONS
Voltage Rating	AC/DC 40V
Current Rating	0.5A / Pin
Operating Temperature	-20℃ ~ +85℃
BDV	AC 500V
Contact Resistance	30mΩ Max

HDMI SERIES(DISPLAY PRODUCTS)

K500124-19



HDMI 2.1 ANGLE TYPE(H6.3)



MATERIAL

LIST OF MATERIALS	
Insulator	Engineering Plastic
Contact A, B	Copper Alloy
Metal Shell	Stainless Steel
Plating	Contact : Au Plating Over Ni
	Metal Shell : Ni Plating

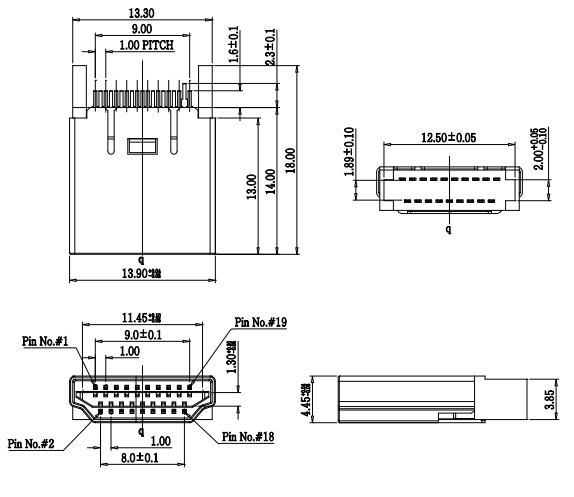
SPECIFICATIONS

ITEM	SPECIFICATIONS
Voltage Rating	AC/DC 40V
Current Rating	0.5A / Pin
Operating Temperature	-20℃ ~ +85℃
BDV	AC 500V
Contact Resistance	60mΩ Max

K500125-19



HDMI 2.1 PLUG



MATERIAL

LIST OF MATERIALS	
Insulator	Engineering Plastic
Spacer	Engineering Plastic
Contact A, B	Copper Alloy
Metal Shell	Stainless Steel
Plating	Contact : Au Plating Over Ni
	Metal Shell : Ni Plating

SPECIFICATIONS

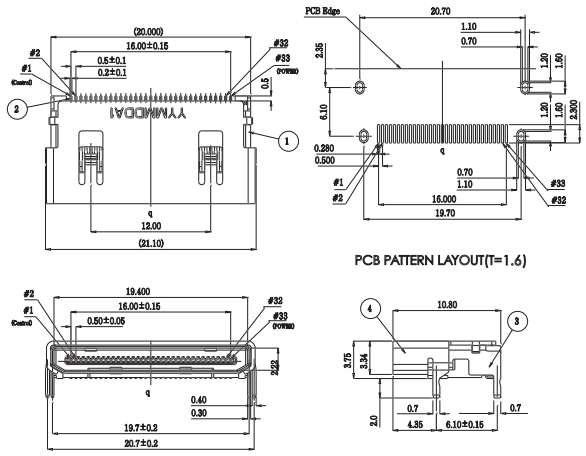
ITEM	SPECIFICATIONS
Voltage Rating	AC/DC 40V
Current Rating	0.5A / Pin
Operating Temperature	-20℃ ~ +85℃
BDV	AC 500V
Contact Resistance	60mΩ Max

HIGH SPEED SERIES(DISPLAY PRODUCTS)

K500098-33



OCM RECEPTACLE 33PIN



MATERIAL

LIST OF MATERIALS	
Insulator	Engineering Plastic
Contact	Copper Alloy
Metal Shell	Stainless Steel
Cover Shell	Stainless Steel
Plating	Contact : Au Plating over Ni
	Metal Shell : Ni Plating

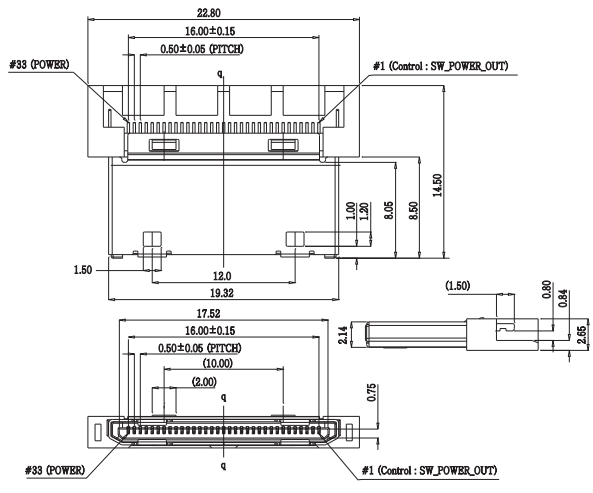
SPECIFICATIONS

ITEM	SPECIFICATIONS
Voltage Rating	AC/DC 40V
Current Rating	0.5A / Pin
Operating Temperature	-20℃ ~ +85℃
BDV	AC 500V
Contact Resistance	50mΩ Max

K500095-33



OCM PLUG 33PIN



MATERIAL

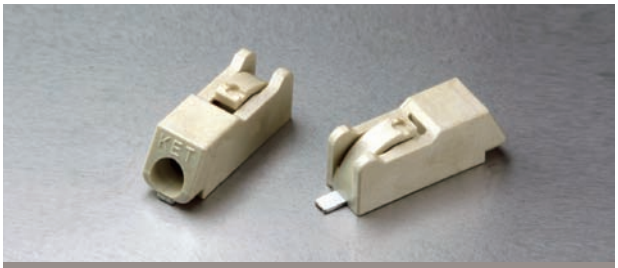
LIST OF MATERIALS	
Insulator	Engineering Plastic
Contact	Copper Alloy
Metal Shell	Stainless Steel
Plating	Contact : Au Plating over Ni
	Metal Shell : Ni Plating

SPECIFICATIONS

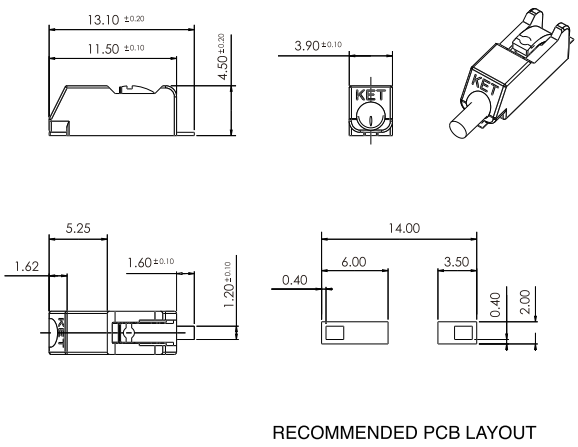
ITEM	SPECIFICATIONS
Voltage Rating	AC/DC 40V
Current Rating	0.5A / Pin
Operating Temperature	-20℃ ~ +85℃
BDV	AC 500V
Contact Resistance	50mΩ Max

POKE IN SERIES(LIGHTING PRODUCTS)

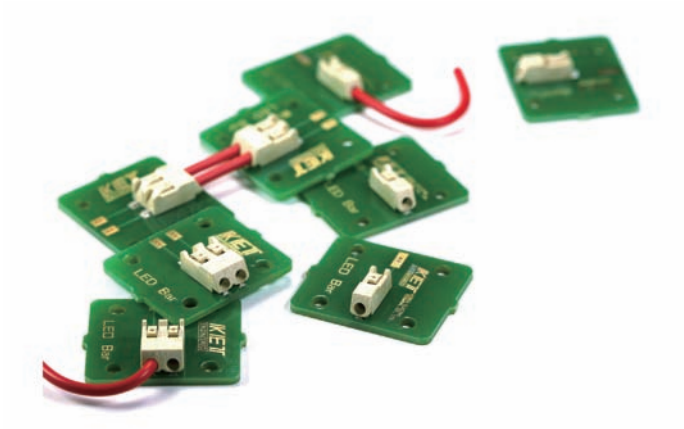
K500064-01



POKE-IN 1Pin



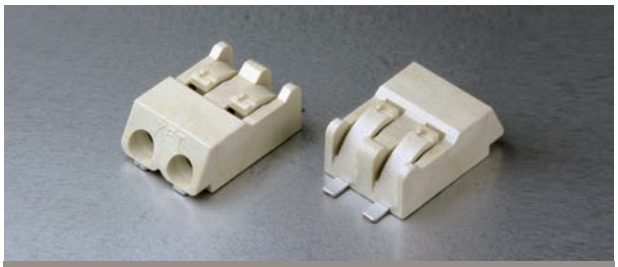
RECOMMENDED PCB LAYOUT



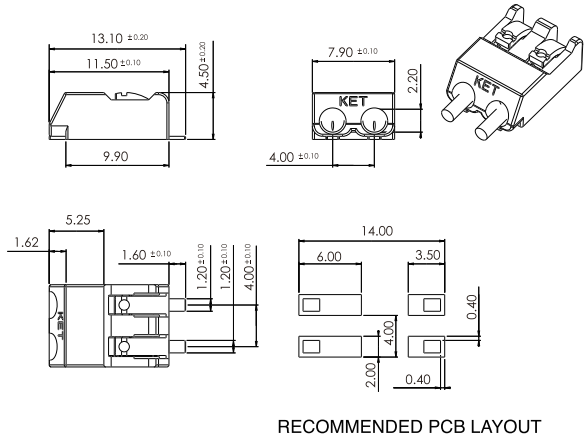
CHARACTERISTICS

- Application : LED lighting
- Poke-in type (1Pin,2Pin)
- Color : Natural
- Insert and withdraw by pushing the button
- Minimized shade due to 4.5 mm height
- SMT type, Connection to SMPS
- UL, cUL, VDE

K500064-02



POKE-IN 2Pin



RECOMMENDED PCB LAYOUT

MATERIAL & PLATING

POKE - IN TYPE	
Insulator	LCP
Contact	Copper Alloy
Contact Plating	Tin Plating over Ni
Size	1Pin 3.9(W)X13.1(L)X4.5(H)
	2Pin 7.9(W)X13.1(L)X4.5(H)

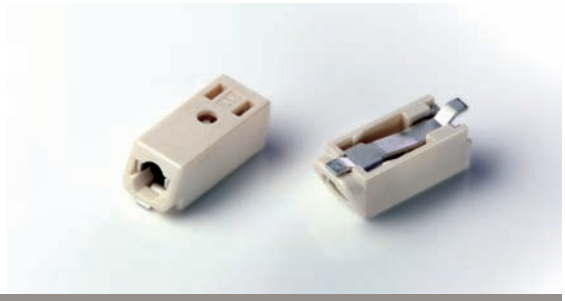
SPECIFICATIONS

ITEM	SPECIFICATIONS
Voltage Rating	AC/ DC 250V
Current Rating	AWG18 - 9A
	AWG20 - 7A
	AWG22 - 5A
	AWG24 - 3A
Operating Temperature	-25℃ ~ -130℃
Flammability Rating Per	UL94 Vo
Insertion and Retension Force	Max 1.5Kgf / Min 3.0Kgf
Available Wire	Solid Type AWG 18,20,22,24
Strip Length	7~8mm

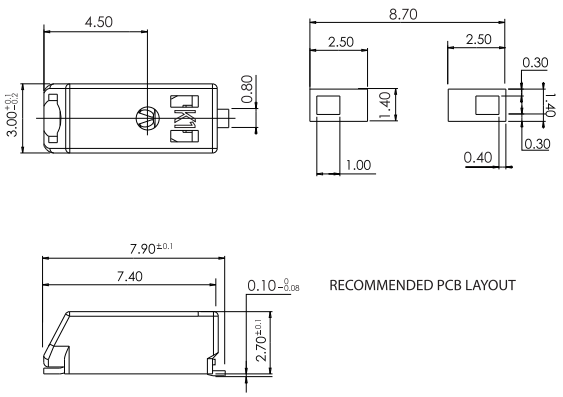
KET ENGINEERED

POKE IN SERIES(LIGHTING PRODUCTS)

K500129-01



SMALL POKE-IN 1P





CHARACTERISTICS

- Application LED Lighting
- Wire to Board Type
- Low Height Specialized LED Lighting (Height : 2.7mm)

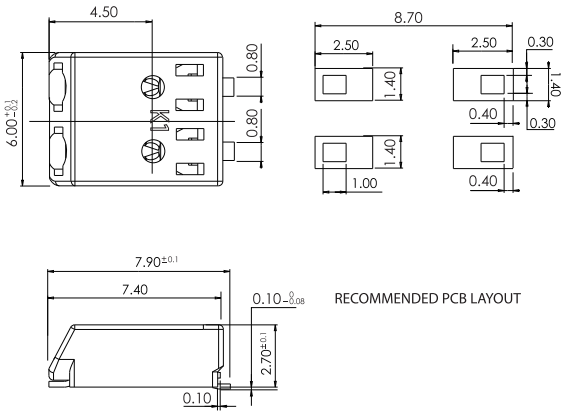
SPECIFICATIONS

ITEM	SPECIFICATIONS	
Voltage Rating	160V AC/ DC	
Current Rating	AWG #26 (3.0A Max)	Exclusive Solid Wire
	AWG #24 (3.0A Max)	
	AWG #22 (5.0A Max)	
Operating Temperature	-35℃ ~ +105℃	
Contact Resistance	10MΩ Max	

K500130-02



SMALL POKE-IN 2P



MATERIAL & PLATING

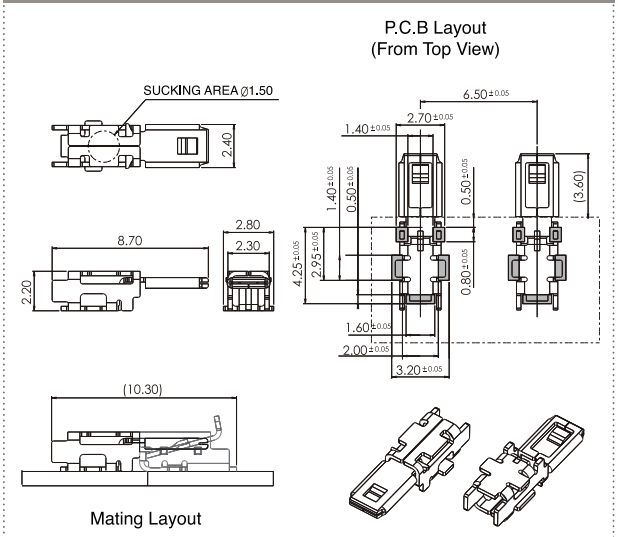
Part Name/Part No.	Materials	Surface Finish etc.
Small Poke-in 1P K500129-01	Insulator : LCP Terminal : Copper Alloy Plating : Tin-Plated	UL94V-0, Color : Natural
Small Poke-in 2P K500130-02	Insulator : LCP Terminal : Copper Alloy Plating : Tin-Plated	UL94V-0, Color : Natural

B TO B MOLDLESS SERIES (LIGHTING PRODUCTS)

K500065-01



MOLDLESS PLUG





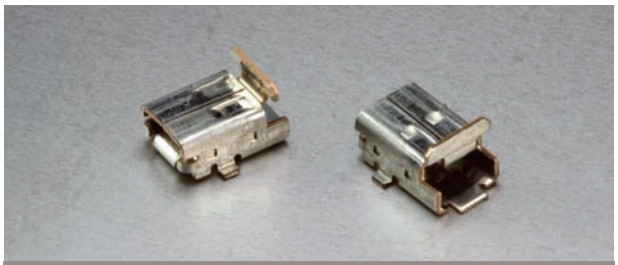
CHARACTERISTICS

- Application : LED lighting
- Cost competitive advantage due to moldless type
- B to B type, SMT type, Locking structure

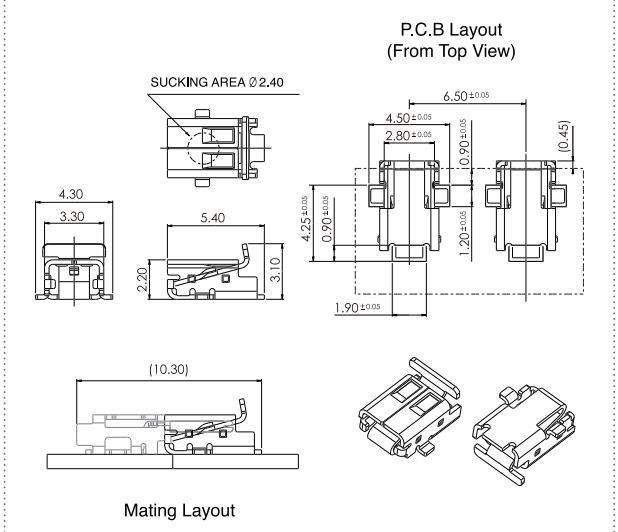
MATERIAL & PLATING

MOLDLESS TYPE	
PLUG / SOCKET	
Contact	Copper Alloy
Contact Plating	Tin Plating
Size	PLUG 2.8(W)X8.7(L)X2.2(H)
	SOCKET 4.3(W)X5.4(L)X3.1(H)

K500066-01



MOLDLESS SOCKET



SPECIFICATIONS

ITEM	SPECIFICATIONS
Voltage Rating	AC/ DC 100V
Current Rating	1A
Operating Temperature	-55℃ ~ 85℃
Mating and Unmating force	Max 1.0Kgf / Max 0.1Kgf

W TO B SERIES(LIGHTING PRODUCTS)
Small Moldless Connector

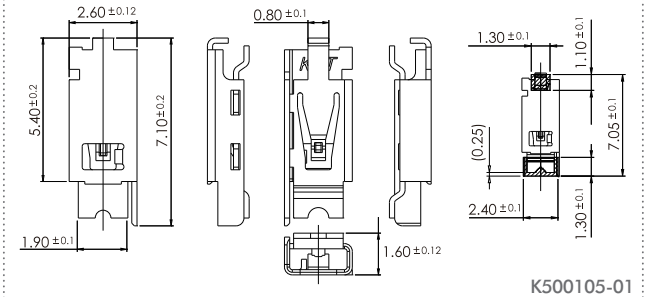
K500105-01



K500109-01

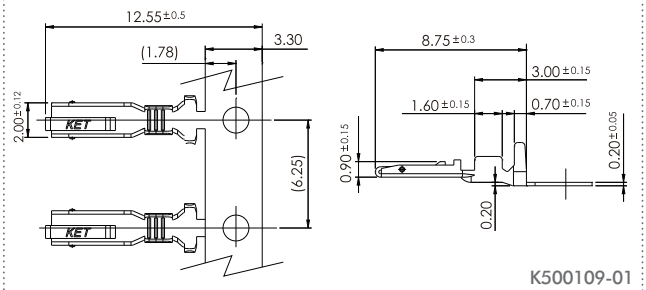


Small Moldless Female Terminal



K500105-01

Small Moldless Male Terminal



K500109-01

CHARACTERISTICS



- Compact Size Connector
  - No mold insulator
  - Low height
- Automated mounting available.
- Positive - lock type.

SPECIFICATIONS

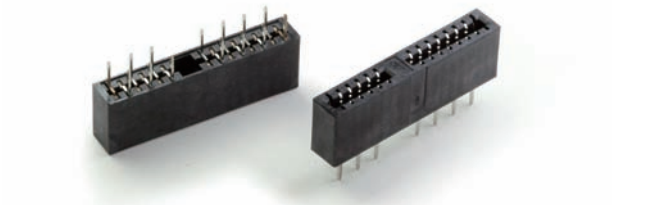
ITEM	SPECIFICATIONS
Current Rating	4A AC/ DC
	AWG #26/AWG #26(UL 10368)
Operating Temperature	-40℃ ~ +105℃
Contact Resistance	30MΩ Max(Initial)

MATERIAL & PLATING

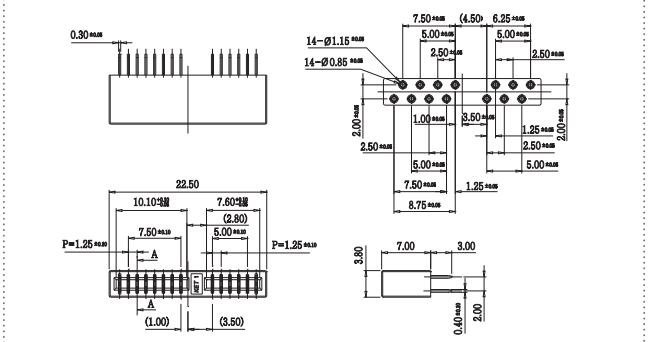
Part Name	Materials	Surface Finish etc.
Small Moldless Male Terminal	Copper Alloy	Tin-Plating
Small Moldless Female Terminal	Copper Alloy	Tin-Plating

PCB Connector

K500147-12



ZIGBEE SOCKET 12P



MATERIAL & PLATING

LIST OF MATERIALS	
Insulator	Engineering Plastic
Signal Contact	Copper Alloy
Metal Shell	Stainless Steel
Plating	Contact : Au Plating Over Ni
	Metal Fitting : Ni Plating

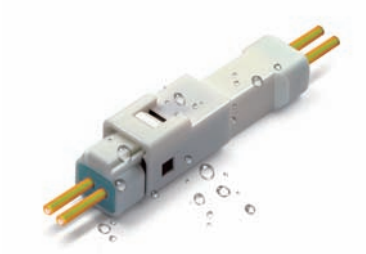
SPECIFICATIONS

ITEM	SPECIFICATIONS
Voltage Rating	AC 100V
Current Rating	0.5A / Pin
Operating Temperature	-20℃ ~ 85℃
EDV	AC 100V

W TO W SERIES(WATERPROOF)

CHARACTERISTICS

- Seal Integral Water proof Type (IEC 60529 / IP 68)
- AWG #26 ~#22 (Insulation O.D/Ø1.4 ~ Ø1.74) -Waterproof (0.5 kgf/cm Above)



MATERIAL

LIST OF MATERIALS	
Female / Male Housing & Inner-cover	PBT
Female Terminal	Copper Alloy
Male Terminal	Brass
Inner-seal & Wire-seal	Silicone

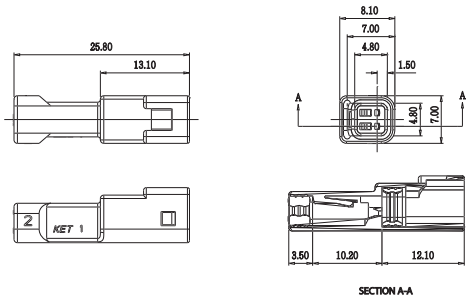
SPECIFICATIONS

ITEM	SPECIFICATIONS
Voltage Rating	100V AC / DC
Current Rating	3A(AWG #22)
Operating Temperature	-25℃ ~ 85℃
Contact Resistance	5MΩ Max(Initial)

K500139-02



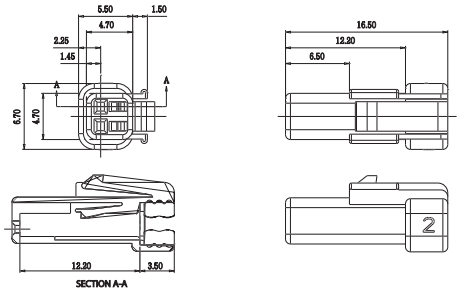
030 WP male Assy



K500140-02



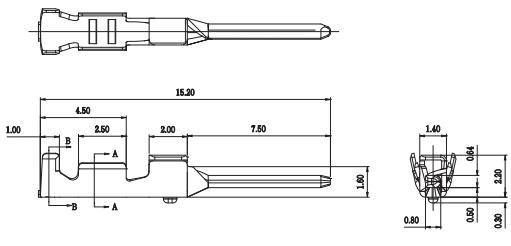
030 WP Female Assy



K500141



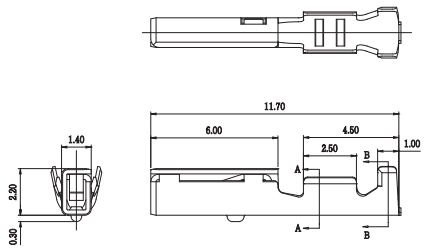
030 WP Male Terminal



K500142



030 WP Female Terminal

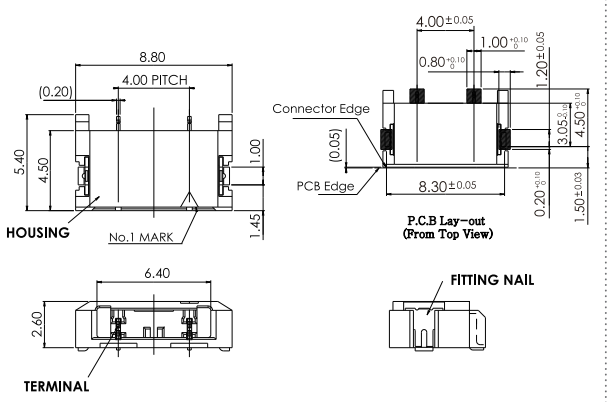


W TO B SERIES(LIGHTING PRODUCTS)
(LEB Connector)

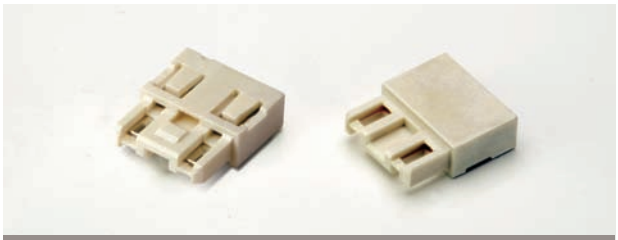
K500075-02



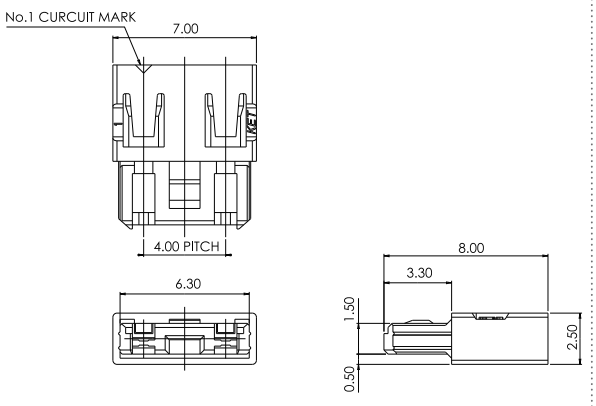
LEB RECEPTACLE



K500076-02

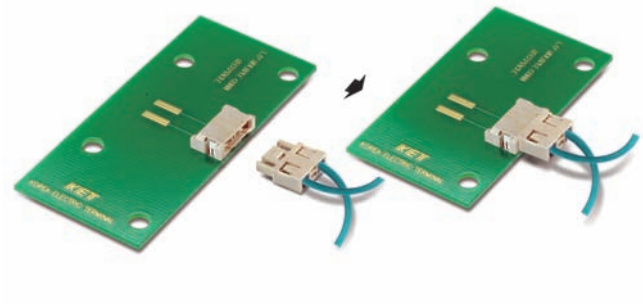


LEB PLUG HOUSING



CHARACTERISTICS

- Application LED Lighting
- Low Height Specialized LED Lighting (Height : 2.7mm)
- Wire to Board Type(AWG #26~#22)
- UL Certification



SPECIFICATIONS

ITEM	SPECIFICATIONS
Voltage Rating	AC/ DC 300V
Current Rating	3A(AWG #22)
Operating Temperature	-55℃ ~ +105℃
Applicable Wire	AWG #26 to #22
	Insulation O.D./ 0.95 to 1.3mm

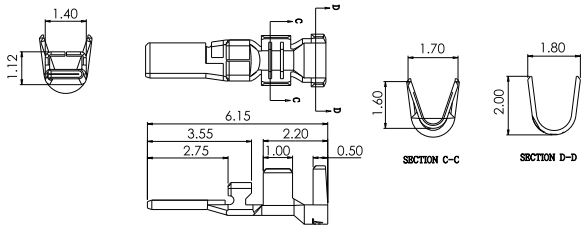
MATERIAL & PLATING

Part Name.		Materials	Surface Finish etc.
Conn' (Recep)	Housing	LCP	UL94V-0, Color : Natural
	Fitting Nail	Copper Alloy	Tin-Plated
	Contact Terminal	Copper Alloy	Tin-Plated
Conn' (Plug)	Housing	LCP	UL94V-0, Color : Natural
	Contact Terminal	Copper Alloy	Tin-Plated

K500077-01

LEB PLUG TERMINAL





BATTERY CONNECTOR SERIES



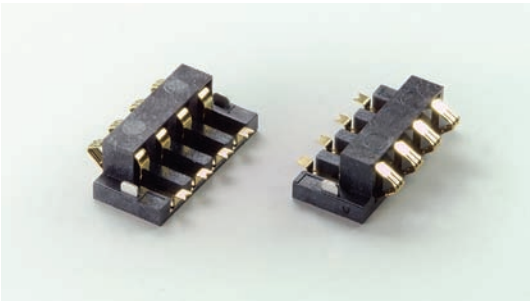
FEATURES

1. Designed to be used in mobile phones power supplier.
   Providing a variety of shapes and the number of pins in accordance with customers product specifications.
2. Compatibility
   Diversifying products size so as to make mobile phone slim

SPECIFICATIONS

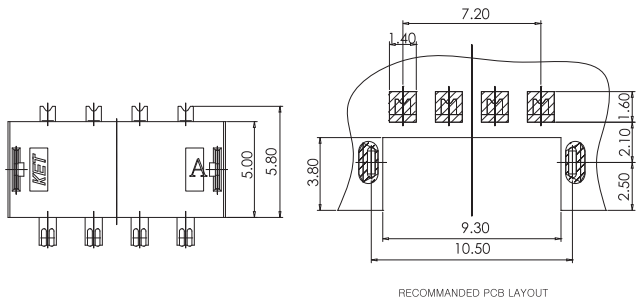
ITEM	SPECIFICATIONS
Voltage Rating	DC 100V
Current Rating	3A / PIN
Operating Temperature	-30℃ ~ +85℃
BDV	500V AC for 1minute
Insulation Resistance	1,000MΩ Min
Contact Resistance	50mΩ Max
Durability	5,000 cycle

KA33B-240-04



BATTERY 4P PCBCUT TYPE(H4.0)

LIST OF MATERIALS	
Insulator	LCP
Signal Contact	Copper Alloy
Metal Shell	Stainless Steel
Plating	Contact : Au over Ni
	Metal Shell : Sn



MICRO USB SERIES (MOBILE PRODUCTS)

FEATURES

1. International Standards Type of Micro USB Connector.
2. Lead-Free and Halogen-Free Apply.
3. Compatibility : Data transfer and charging of smart phones
   Mobile phones used for the Slim type Contributes.



Micro USB Connectors

SPECIFICATIONS

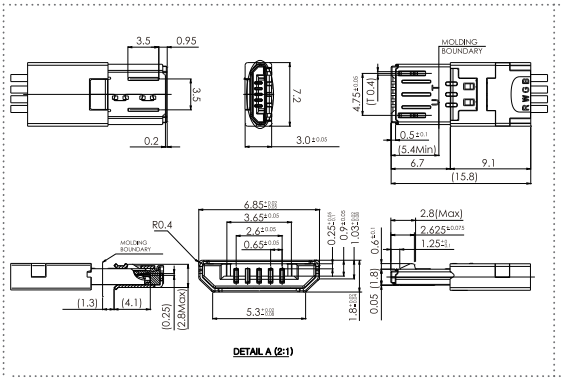
ITEM	SPECIFICATIONS
Voltage Rating	30V AC/DC
Current Rating	1.8A(1, 5Pin)/0.5A(2, 3Pin)
Operating Temperature	-30℃ ~ + 80℃
Insulation Resistance	100MΩ Min
Contact Resistance	30mΩ Max
Durability	2-5N / 8-20N

Micro USB DLC Plug

K500084-04



Insulator	
	: PA46
Signal Contact	
	: Copper Alloy
Metal Shell	
	: Stainless Steel
Plating	
	: Contact : Au over Ni
	: Metal Shell : Ni

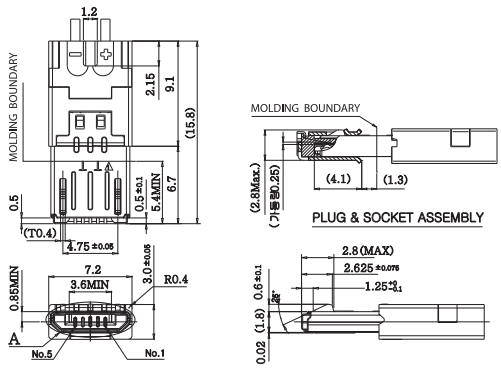


Micro USB TA Plug

K500107-02



Housing	
	: PA46
Contact	
	: Copper Alloy
Latch	
	: Stainless Steel
Shell	
	: Stainless Steel
Cap	
	: PBT

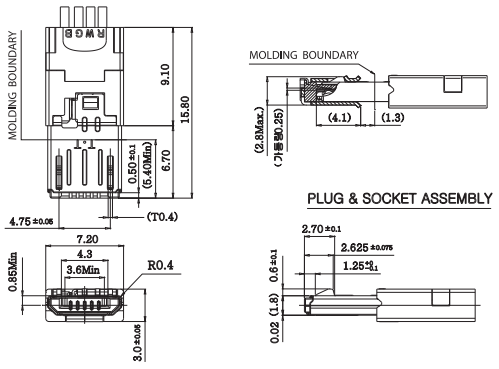


Micro USB DLC 2 Plug

K500112-04



Insulator	
	: PA46
Contact	
	: Copper Alloy
Latch	
	: Stainless Steel
Shell	
	: Stainless Steel
Cap	
	: PBT



USB TYPE-C SERIES (MOBILE PRODUCTS)



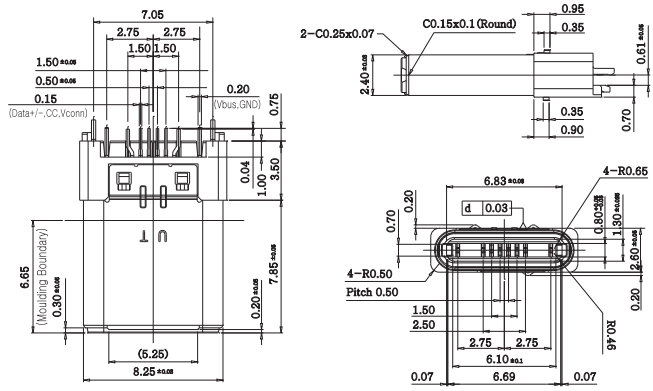
SPECIFICATIONS

ITEM	SPECIFICATIONS
Voltage Rating	5V(20V), AC/DC
Current Rating	3A(5A) Max
Operating Temperature	-30℃ ~ + 80℃
Insulation Resistance	100MΩ Min
Contact Resistance	40mΩ Max
Durability	5-20N / 8-20N

K500151-12



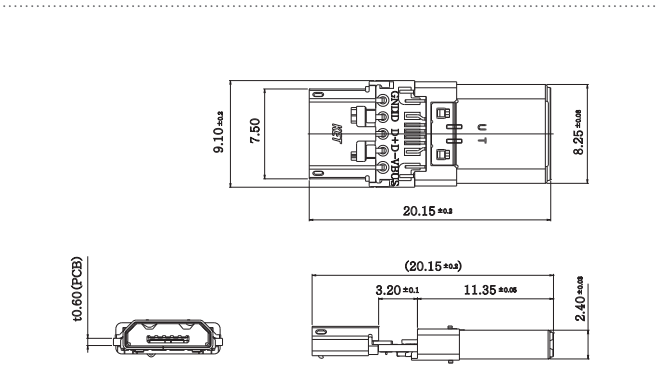
USB TYPE-C PLUG(Vconn2)	
Housing	PA46
Contact	Copper Alloy
Latch	Stainless Steel
Shell	Stainless Steel



K500152-12



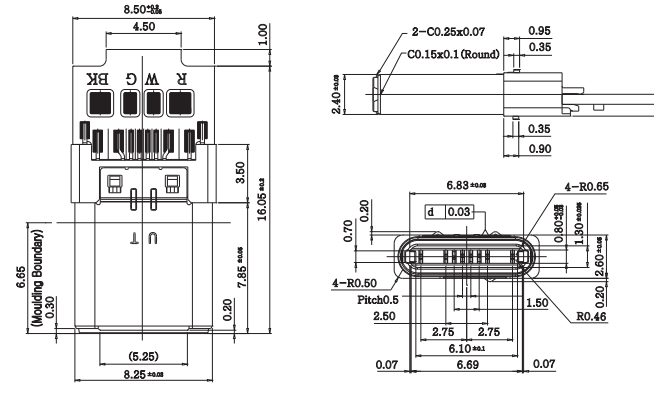
C to B Gender PCB Assy	
Housing	PA46
Contact	Copper Alloy
Latch	Stainless Steel
Guard plate / Shell	Stainless Steel
PCB	FR4



K500154-12



C to A PCB Assy	
Housing	PA46
Contact	Copper Alloy
Latch	Stainless Steel
Shell	Stainless Steel
PCB	FR4

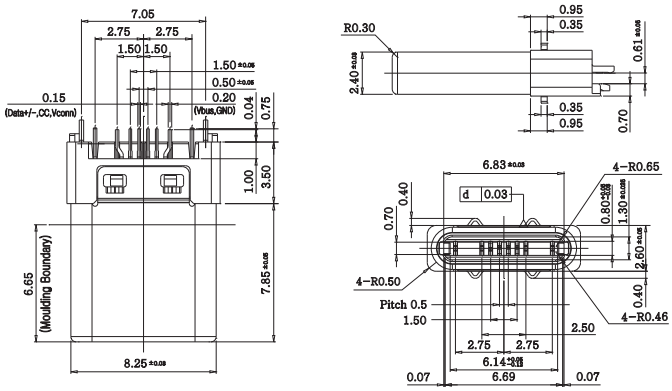


USB TYPE-C SERIES(MOBILE PRODUCTS)

K500156-12



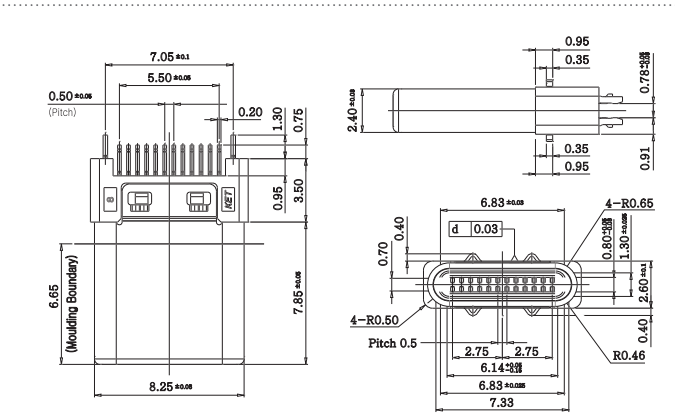
USB TYPE-C PLUG(TUBING)	
Housing	PA46
Contact	Copper Alloy
Latch	Stainless Steel
Shell	Stainless Steel



K500161-24



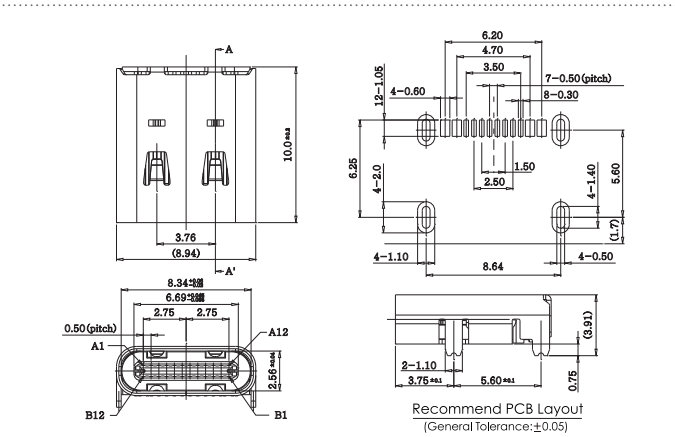
USB TYPE-C FULL FEATURED PLUG	
Housing	PA46
Contact	Copper Alloy
Latch	Stainless Steel
Shell	Stainless Steel



K500157-16

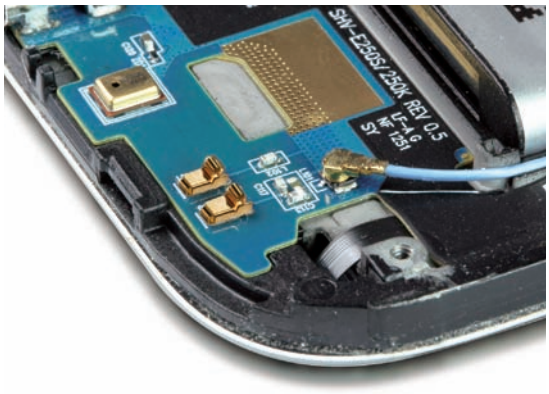


USB TYPE-C 16P SOCKET	
Housing	LCP
Contact	Copper Alloy
Mid-plate	Stainless Steel
Shell	Stainless Steel



C-CLIP SERIES

Antenna Connectors



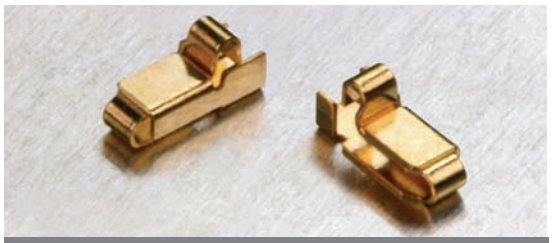
FEATURES

1. Contact Mobile terminal antennas used in the product.
2. Apply compact size
3. According to customer's requirements can be implemented in various heights
4. Compatibility: Mobile Phone, Tablet PC, Portable Modem

SPECIFICATIONS

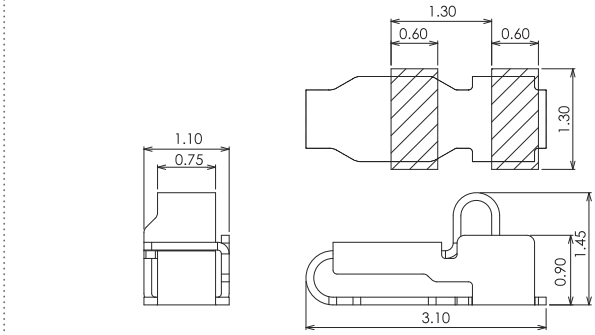
ITEM	SPECIFICATIONS
Voltage Rating	AC 100V
Current Rating	3A / Pin
Operating Temperature	-30℃ ~ +80℃
Contact Resistance	50mΩ Max

K500020-01



C-Clip Connector (H1.45)

LIST OF MATERIALS	
	Signal Contact : P-Bronze
	Plating : Contact : Au over Ni

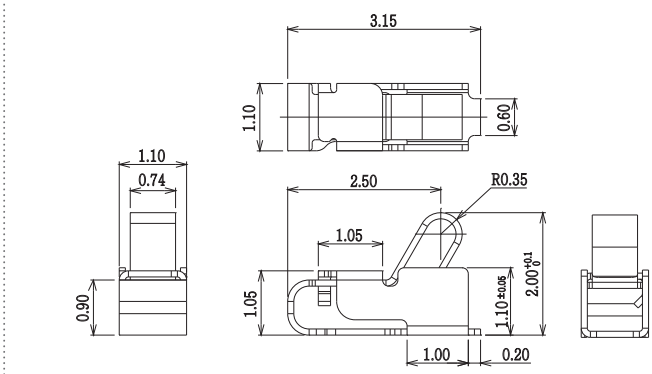


K500053-01



C-Clip Connector (H2.0)

LIST OF MATERIALS	
	Signal Contact : P-Bronze
	Plating : Contact : Au over Ni



C-CLIP SERIES

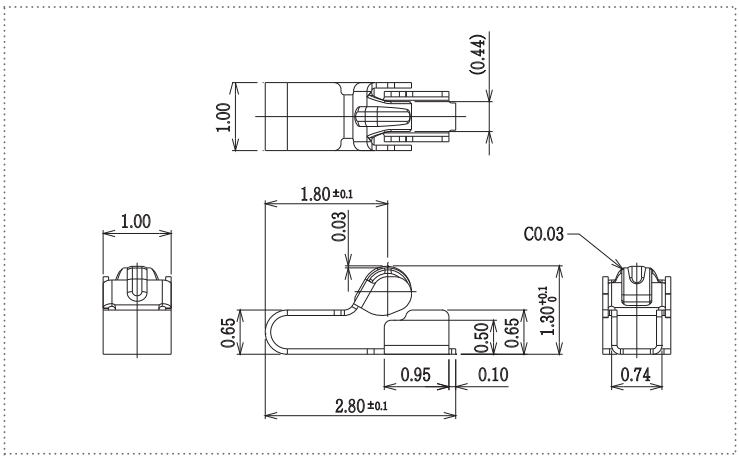
K500058-01



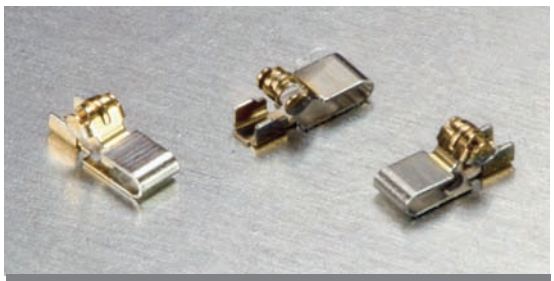
C-Clip Connector (H1.3)

LIST OF MATERIALS

Signal Contact	Signal Contact : Copper Aiioy
Plating	Plating : Contact : Au over Ni



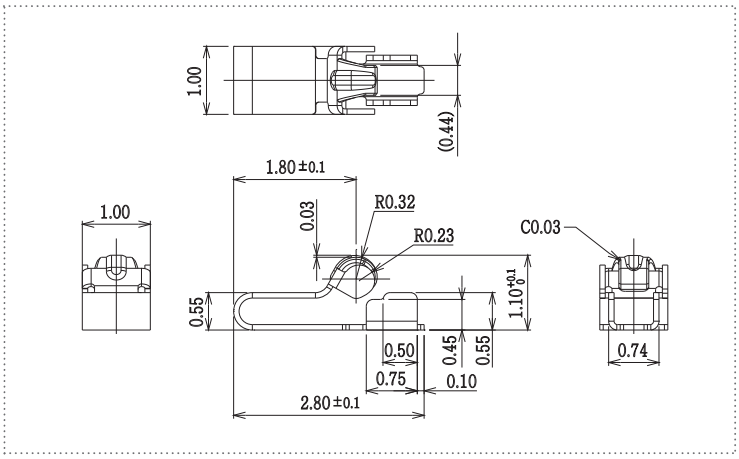
K500068-01



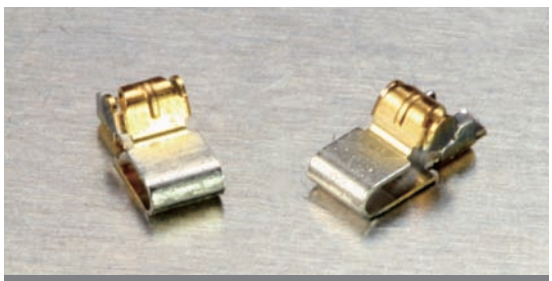
C-Clip Connector (H1.1)

LIST OF MATERIALS

Signal Contact	Signal Contact : Copper Aiioy
Plating	Plating : Contact : Au over Ni



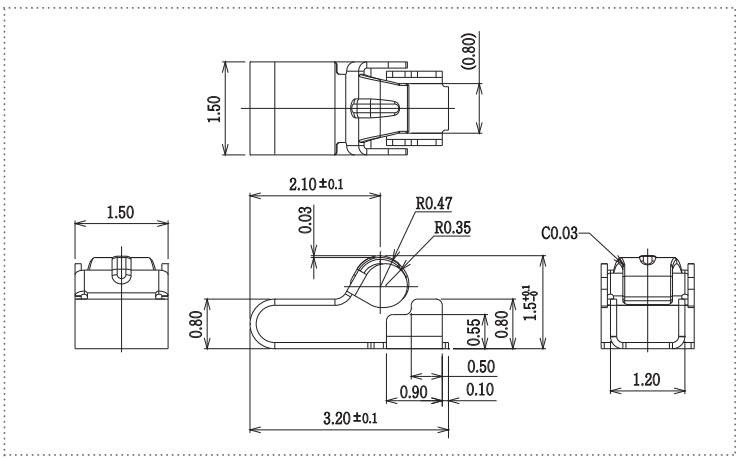
K500069-01



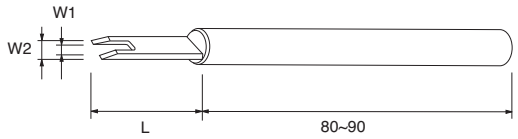
C-Clip Connector (H1.5)

LIST OF MATERIALS

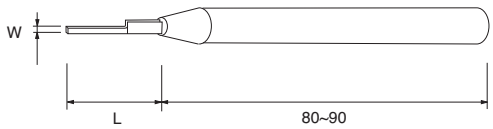
Signal Contact	Signal Contact : Copper Aiioy
Plating	Plating : Contact : Au over Ni



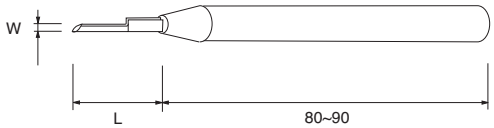
REWORK JIG



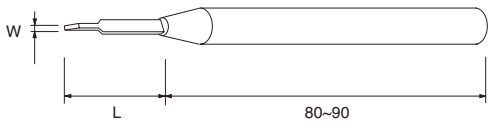
Part No.	T	W1	W2	L	SUITABLE CONNECTOR SERIES
830002	0.85	3.2	5.8	25.0	187 P-LOCK
830003	2.0	4.0	6.6	25.0	250 P-LOCK
830023	1.7	5.4	8.8	16.0	312 P-LOCK



Part No.	T	W	L	SUITABLE CONNECTOR SERIES
830015	0.8	0.7	16.0	1006
830024	1.4	0.7	20.0	025



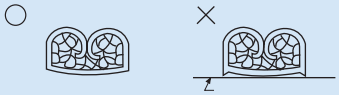
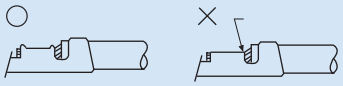
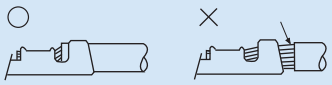
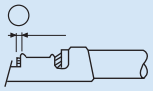
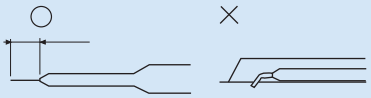
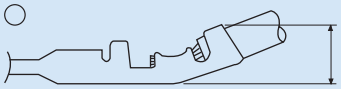
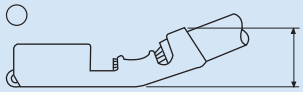
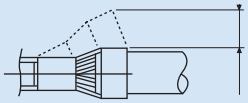
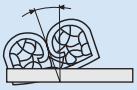
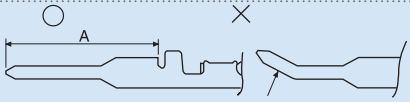
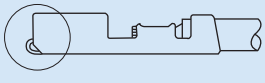
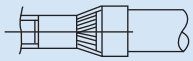
Part No.	T	W	L	SUITABLE CONNECTOR SERIES
830001	1.4	1.4	20.0	1806
830016	1.7	1.2	25.0	3220
830017	1.0	1.0	18.0	1806 D/L



Part No.	T	W	L	SUITABLE CONNECTOR SERIES
830009	1.3	1.0	25.0	070, 090, 040, CLUSTER
830010	2.0	1.7	25.0	375, 312, 250, PA, BS
830019	1.0	1.0	18.0	060
830022	1.0	1.3	25.0	090-II
830026	1.0	0.85	22.0	050

CHECK ITEM AND APPROVAL STANDARDS RELATED TO PRESSURE CONNECTION.

Attention should be paid to the following items, and they should be controlled as a priority, in terminal pressure connection.

Check items	Problem	Approval; standards (Example)	Problem causes and remedial actions
Terminal pressure connected shape	Cores not neatly arranged.		Pressure connection locations, core extrusion and crimper adjustment
	Burrs in pressure-connected cores.		Check crimper and anvil width; and replace, as required.
	Bell mouth		Check terminal feed location and spacer crimper location, including tear and wear, and adjust, as required.
	Insulation (coating) slippage		Check pressure connection location and adjust, as required. Check strip length.
	Coating slippage (Wire barrel part)		As above.
	Core extruded length		As above.
Burrs at terminal end	Burrs		Check cutting Locations and wear and tear on cutting punch: check and adjust.
Terminal upward and downward bending	Tab terminal bending		Check anvil height and deformation.
	Receiver terminal bending		As above.
Terminal traverse bending	Terminal bending		Check anvil and crimper locations.
Terminal bending	Terminal bending		Check terminal feed guide, crimper and anvil.
Terminal deformation	Tab terminal deformation at location shown in right-hand figure		Check terminal feed surface; crimper and anvil heights.
	Receiver terminal deformation at location shown in right-hand figure		As above.
Pressure connection deformation	Cores extruded		Check terminal barrel length; and crimper width.

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HOUSING

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