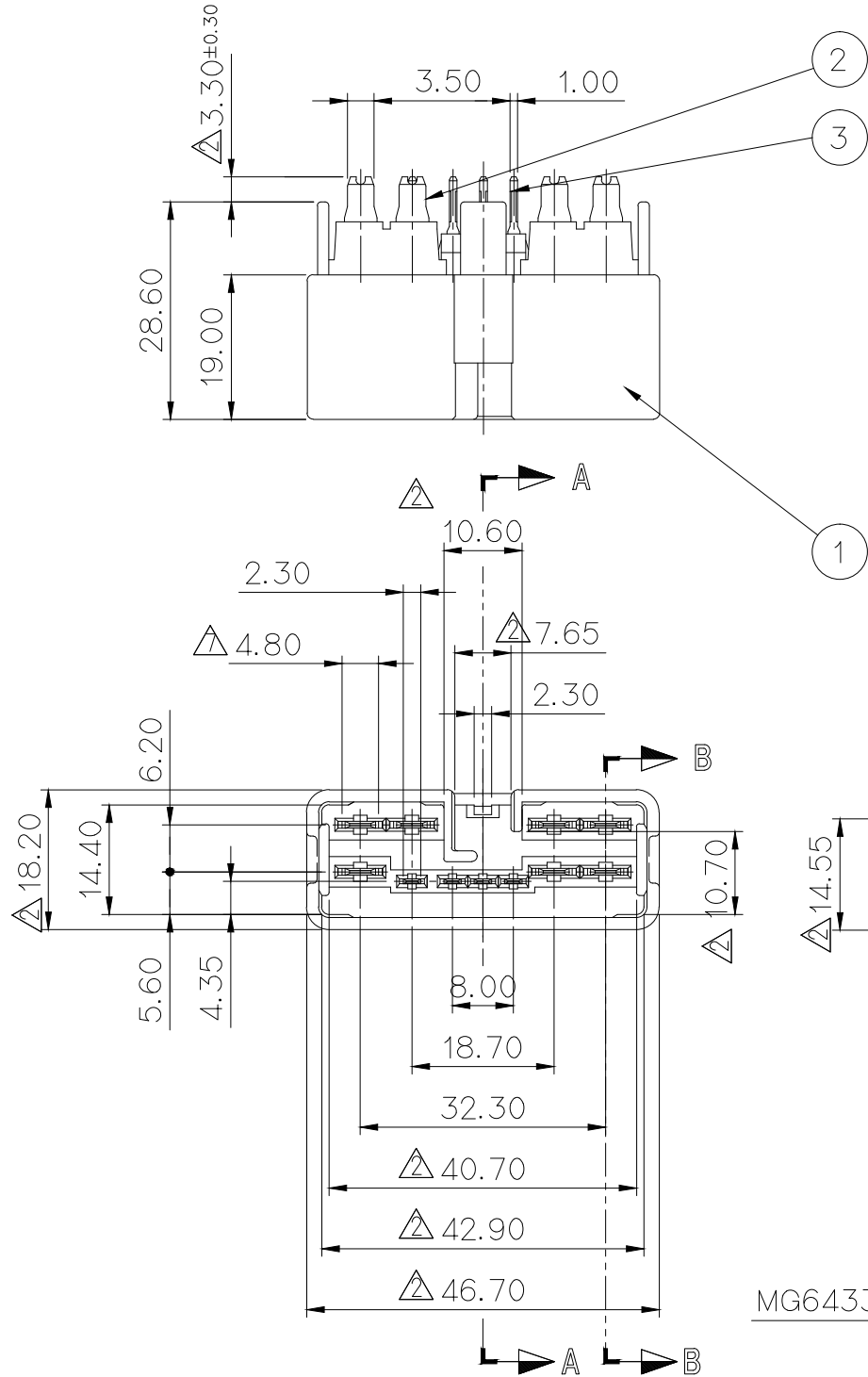


PART NO.

SEE TABLE

CUSTOMER DRAWING

DIMENSIONS IN (MM)



NO.	PART NAME	PART NO.	ASSEMBLY
1	1809 11M PCB ASSY (VRT-A TYPE)	MG643314	① + ③ + ⑥
2		MG643314T	① + ④ + ⑦
3		MG643314-5F	② + ⑤ + ⑧
4		MG643314-F	① + ⑤ + ⑧

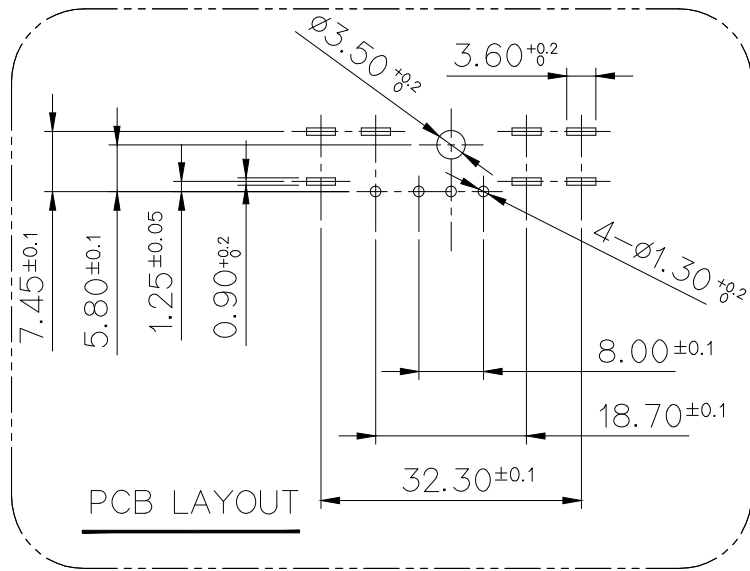
NO.	PART NAME	MATERIAL	FINISH	Q'TY
①	1809 11M PCB HOUSING (VRT-A TYPE)	PBT	NATURAL	1 EA
②			BLACK	1 EA
③	187-II PCB MALE TERMINAL (VRT)	BRASS	PRE-TIN	7 EA
④			PRE-TIN + SELECTIVE TIN	7 EA
⑤			Sn 후도금 - 무광 (Reflow)	7 EA
⑥	090-II PCB MALE TERMINAL (M)	BRASS	PRE-TIN	4 EA
⑦			PRE-TIN + SELECTIVE TIN	4 EA
⑧			Sn 후도금 - 무광 (Reflow)	4 EA

LTR	REVISION RECORD	DR.	CHK.	APP.	DATE
	ECO-1702-211 근거 도면 재작성	NKT	CJH	LSY	'17.02.14
	ECO-1609-303 근거 도면 재작성	KSC	CJH	LSY	'16.09.28
	도금두께 추가추가 및 도면현실화 ECO-1604-192 근거 도면 재작성	PJH	LJE	BIN	'16.04.27
	TML 무연사양 개발	PJH	LJE	BIN	'16.02.25

GENERAL TOLERANCE (TERMINAL)				
10MAX	20MAX	45MAX	ANGLE	ECCENT
±0.2	±0.25	±0.3	±30'	0.1

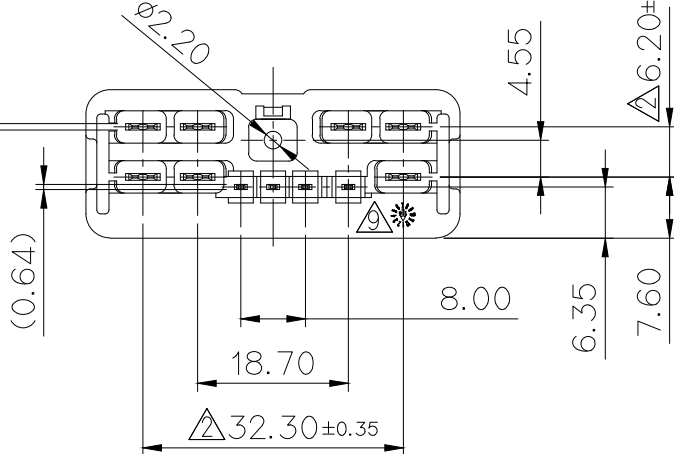
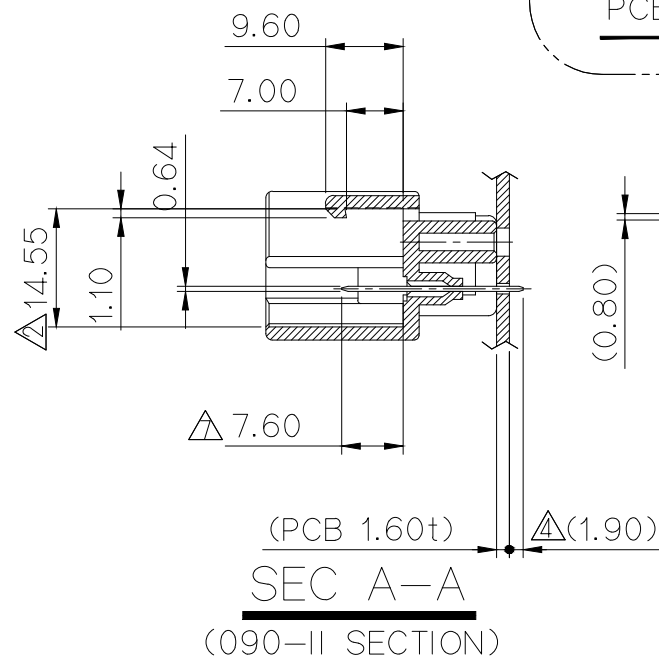
GENERAL TOLERANCE (HOUSING)							
10MAX	50MAX	100MAX	250MAX	250VR	ANGLE	ECCENT	
±0.2	±0.3	±0.55	±0.95	±1.4	±30'	0.1	

USED ON



주 기

- 지시하지 않은 반경 R은 0.3로 한다
- 기능상 유해한 BURR, WELDLINE 및 미성형 등이 없을것.
- 적용 FEMALE HOUSING : MG651917
- 제품내 함유된 6대 유해물질 (납,수은,카드뮴,6가크롬, PBBs,PBDEs)은 EU ELV지침 및 RoHS 법규에서 지정한 최대허용농도를 초과해서는 안된다.
- 단자 주석 도금(⑤, ⑧)
 - TYPE A Sn(무광택), (MS915-01)
 - SOLDER부: Ni 하지 1.0~3.0um, Sn(무광) 2.5~4.0um(Reflow)
 - CONTACT부: Ni 하지 1.0~3.0um, Sn(무광) 1.0~2.0um(Reflow)



NOTE

- UNLESS OTHERWISE SPECIFIED ALL R TO BE 0.3 RADIUS.
- MUST BE FREE OF FLASH, WELDLINE AND IMPERFECTION THAT AFFECT FUNCTION.
- APPLICATION FEMALE HOUSING : MG651917
- 6 HAZARDOUS SUBSTANCES IN PARTS (LEAD,MERCURY, CADMIUM,PBBs,PBDEs,HEXAVALENT CHROMIUM) SHALL NOT EXCEED THE MAXIMUM PERMISSIBLE CONCENTRATION PRESCRIBED UNDER EU ELV DIRECTIVE & RoHS REGULATION.
- TIN-PLATED TERMINAL(⑤, ⑧)
 - TYPE A Sn(MATT), (MS915-01)
 - SOLDERING PART :Ni 1.0~3.0um, Sn 2.5~4.0um (Reflow, MATT)
 - CONTACT PART :Ni 1.0~3.0um, Sn 1.0~2.0um (Reflow, MATT)

NO.	MATERIAL	COLOR
0	PBT	NATURAL
1		RED
2		BLUE
20		JADE
3		YELLOW
4		GRAY
40		DARK GRAY
41		LIGHT GRAY
5		BLACK
6		DARK GREEN
7		BROWN
8		LIGHT GREEN
9		MAGENTA
11		ORANGE

APPROVED

2017-08-10

KOREA ELECTRIC
TERMINAL CO., LTD.
Korea Electric Te
rminal Co., LTD.

ISSUE MARK

⑤	설계사양변경 (S100302) 근거 수정	LTG	E.M. HWANG	S.H. HUH	'10.12.10
④	설/변(S100195)근거 수정	CYJ	E.M. HWANG	S.H. HUH	'10.07.28
③	설계사양변경(S080258)근거 수정 (SnPb 추가도금 삭제)	CDH	S.H. HUH	K.J. KIM	'08.10.30
②	제품 치수 변경		S.H.PARK	S.W. HWANG	'05.07.11
①	187-II TM' 도금사양 변경	SHIN	K.J.KIM	C.H. KIM.	'04.09.15
LTR	REVISION RECORD	DR.	CHK.	APP.	DATE
	DR. SHIN '04.03.11.		CHK.BIN		'04.03.11.
	CHK. K.J.KIM '04.03.11.		APPC.H.KIM		'04.03.11.

MATERIAL	SEE TABLE	KOREA ELECTRIC TERMINAL CO., LTD.
FINISH	SEE TABLE	
WIRE RANGE		CLASS 1809
INSULATION		TYPE HYBRID
TOLERANCE EXCEPT AS NOTED	SEE TABLE	SCALE 1/1
PART NAME	1809 11M PCB ASSY (VRT-A TYPE)	