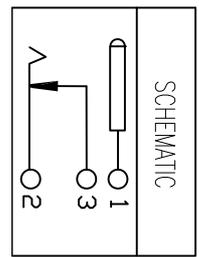
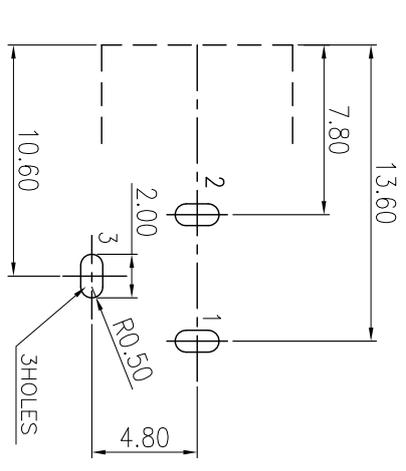
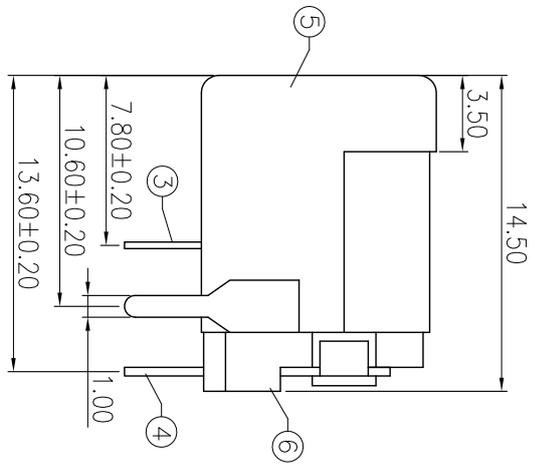
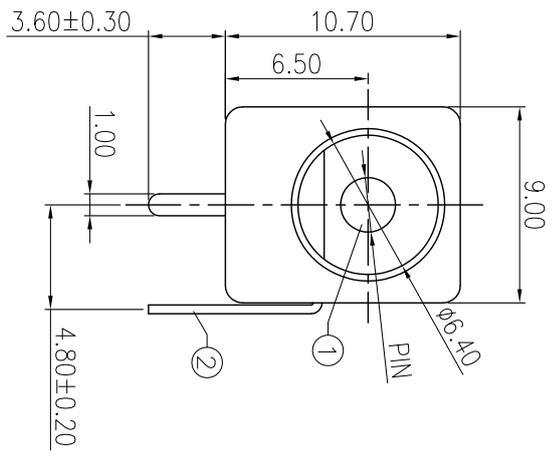


VI.2 NOTE: THIS DEVICE IS ROHS COMPLIANT.

REVISIONS		3	2	1			
SYM	DESCRIPTION	DATE	APPROVED	SYM	DESCRIPTION	DATE	APPROVED
Δ	ADD SPEC	21/AUG/20 ¹	ABER	Δ			
Δ				Δ			

****CUSTOMER DRAWING FOR REFERENCE ONLY, SAMPLES APPROVAL ARE REQUIRED!!**

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T:1.6 DIMENSIONS OF PC BOARD HOLES
TOLERANCE: ±0.1 (PRINTED-TOP VIEW)

ELECTRICAL CHARACTERISTICS:
 RATING: DC 18V 2A.
 CONTACT RESISTANCE: 30mΩ MAX.(INITIAL),
 BETWEEN PLUG AND CONTACT 100mΩ MAX;
 (FINAL) AFTER LIFE TESTC:≤60mΩ;
 DIELECTRIC WITHSTANDING VOLTAGE: 500V AC FOR ONE MINUTE.
 INSULATION RESISTANCE: 100MΩ MIN. MEASURED BY 500 VDC.
MECHANICAL CHARACTERISTICS:
 PLUG INSERTION FORCE 0.3-2.0Kgf (INITIAL),
 0.3-2.0Kgf (FINAL) LIFE TEST;
 PLUG EXTRACTION FORCE: 0.3-2.0Kgf (INITIAL),
 0.3-2.0Kgf (FINAL) LIFE TEST.

ORDER INFORMATION:
 JK003-P012AX
 JK: DC POWER JACK
 003: SERIES NO.
 P0: PCB TYPE, RIGHT ANGLE
 1: NO. OF POLE
 2: NO. OF POSITION
 A: FRAME CODE
 X: CLASS OF THE CENTER PIN
 -A: Ø=2.5mm, MMT# JK003-P012AA
 -B: Ø=2.0mm, MMT# JK003-P012AB

NO.	NAME	QTY	MATERIAL	REMARK
1	CENTER PIN	1	COPPER ALLOY	NI PLATED
2	CURVE PIECE	1	C2680	MB: Cu Sn PLATED
3	SPRING	1	C5191	MB: Cu Sn PLATED
4	FLAT PIECE	1	C2680	MB: Cu Sn PLATED
5	HOUSING	1	PBT	UL94V-0(BLACK)
6	COVER	1	PBT	UL94V-0(BLACK)

DURABILITY TEST: 5,000 CYCLES MIN.
OPERATING TEMPERATURE: -25°C~+70°C.
SOLDERING HEAT RESISTANCE WAVE SOLDERING: 230°C.
PLUG INTERFACE DIMENSIONS CONFORM TO EIAJ RC-5321 SPEC.
PACKAGING: PLASTIC BAG.

TOLERANCES UNLESS OTHERWISE SPECIFIED		SIGNATURES		DATE		MODEL	
±0.25		DRAWN	AARON	23/MAR/09 ¹	TITLE	DC POWER JACK	
mm	UNIT	CHECKED	PEGGY	23/MAR/09 ¹	NO.	JK003-P012A	
2/1	SCALE	APPROVALS					

MMT CORPORATION