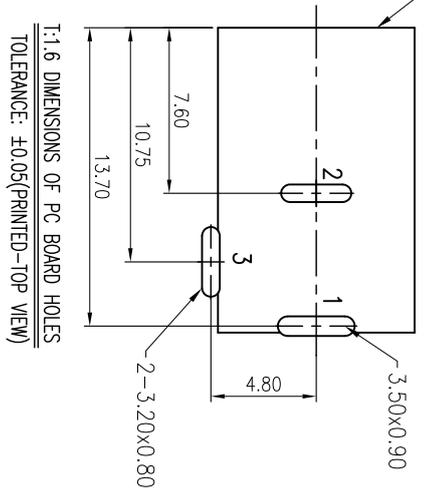
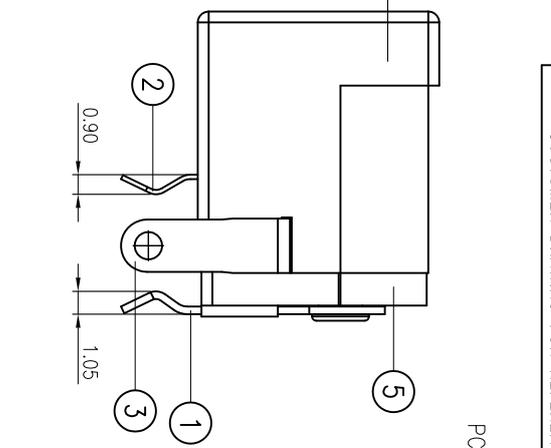
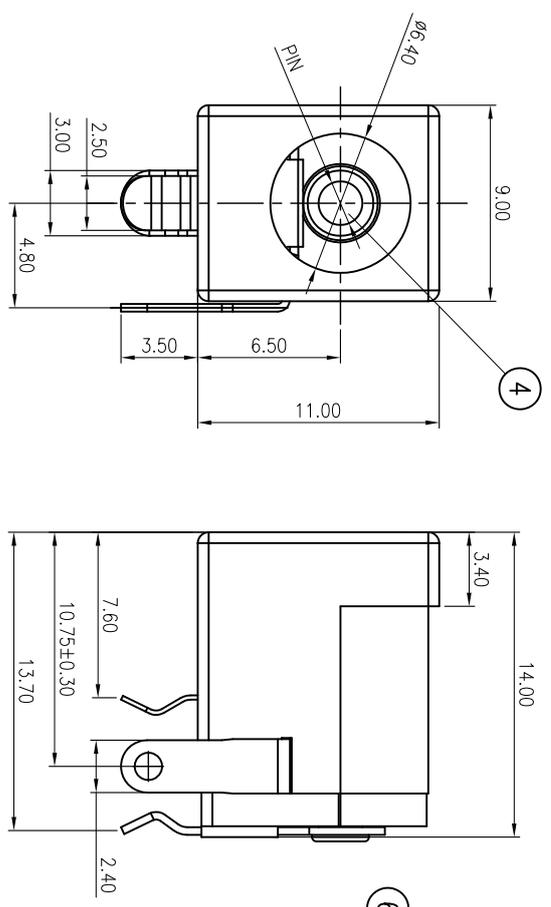
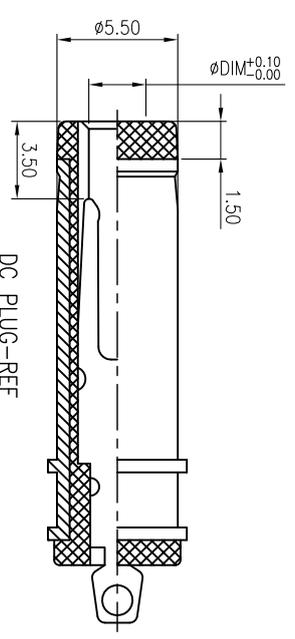
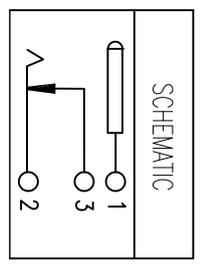


V3.1 NOTE: THIS DEVICE IS ROHS COMPLIANT.

		REVISIONS					
SYM	DESCRIPTION	DATE	APPROVED	SYM	DESCRIPTION	DATE	APPROVED
Δ				Δ			
Δ				Δ			
**CUSTOMER DRAWING FOR REFERENCE ONLY, SAMPLES APPROVAL ARE REQUIRED!!							240



T:1.6 DIMENSIONS OF PCB BOARD HOLES
TOLERANCE: ±0.05(PRINTED-TOP VIEW)



DC PLUG-REF

ORDER INFORMATION:
JK003-W012AX-K
JK: DC POWER JACK
003: SERIES NO.
W: WIRING TYPE, RIGHT ANGLE
1: NO. OF POLE
2: NO. OF POSITION
A: FRAME CODE
X: CLASS OF THE CENTER PIN
-A: $\phi=2.5\text{mm}$, MMT# JK003-W012AA-K
-B: $\phi=2.0\text{mm}$, MMT# JK003-W012AB-K
K: WITH KINKED LEG

NOTES:
ELECTRICAL CHARACTERISTICS
RATING: DC 18V 2A;
CONTACT RESISTANCE: 50mΩ MAX.(INITIAL),
100mΩ MAX.(FINAL) AFTER TEST≤50mΩ;
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;
DURABILITY TEST: 5,000 CYCLES MIN;
OPERATING TEMPERATURE: -25°C ~ +70°C;
SOLDERING HEAT RESISTANCE REFLOW SOLDERING: 230°C;
PLUG INTERFACE DIMENSIONS CONFORM TO EIAJ RC-5321 SPEC;
PACKAGING: PLASTIC BAG;

QTY	PART NAME	MATERIAL	REMARK
1	HOUSING	PBT	UL-94V0(BLACK)
1	COVER	PBT	UL-94V0(BLACK)
1	CENTER PIN	H65	MB:NI NI PLATED
1	TERMINAL 3#	COPPER ALLOY t=0.35	MB:NI Ag PLATED
1	TERMINAL 2#	PHOSPHOR BRONZE t=0.20	MB:NI Ag PLATED
1	TERMINAL 1#	COPPER ALLOY t=0.35	MB:NI Ag PLATED

TOLERANCES UNLESS OTHERWISE SPECIFIED		SIGNATURES		DATE		MODEL	
SYMBOL	UNIT	SCALE	CHECKED	AMIE	14/JUL/17	NO.	TITLE
Δ	mm	3/1	APPROVALS		14/JUL/17	JK003-W012A_-K	DC POWER JACK

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