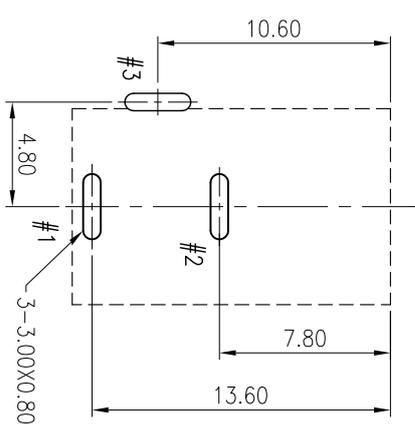
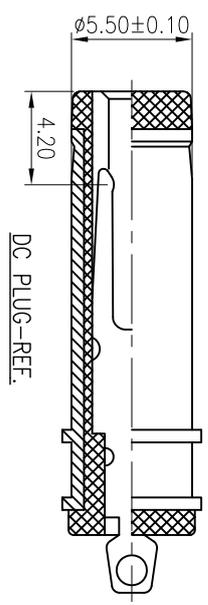
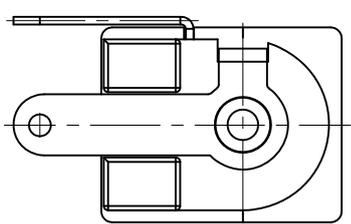
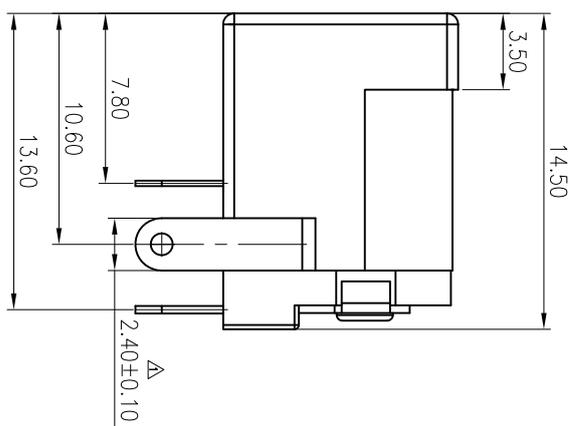
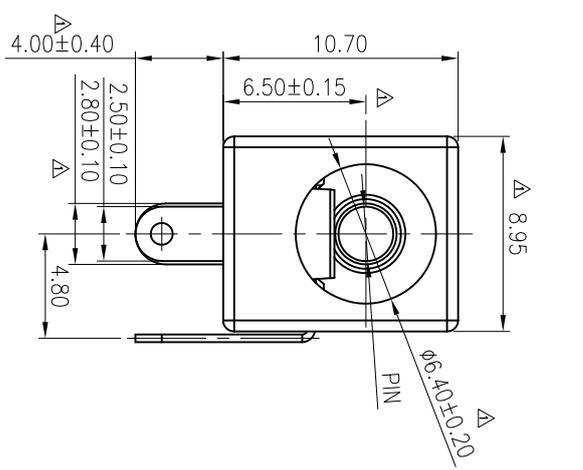


V3.2 NOTE: THIS DEVICE IS ROHS COMPLIANT.



RECOMMENDED OF PC BOARD HOLES
TOLERANCE: ±0.05(TOP VIEW)

NO.	NAME	QTY	MATERIAL	REMARK
1	FLAT PIECE	1	C2680 Δ t=0.35	MB: Ni Sn PLATED
2	SPRING	1	C5210 Δ t=0.25	MB: Ni Sn PLATED
3	CURVE PIECE	1	C2680 Δ t=0.35	MB: Ni Sn PLATED
4	PIN	1	COPPER ALLOY	Ni PLATED
5	HOUSING	1	PBT	UL-94V0(BLACK)
6	COVER	1	PBT	UL-94V0(BLACK)

REVISIONS		2	1
SYM	DESCRIPTION	DATE	APPROVED
Δ	MODIFY DIM. & TOL. & SPEC	01/DEC/23'	AARON
Δ	**CUSTOMER DRAWING FOR REFERENCE ONLY, SAMPLES APPROVAL ARE REQUIRED!!		
			240

ELECTRICAL CHARACTERISTICS
 RATING: DC 20V 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: 0.3~3.0kgf (INITIAL), Δ
 0.3~2.0kgf (FINAL) LIFE TEST;
 PLUG EXTRACTION FORCE: 0.3~3.0kgf (INITIAL), Δ
 0.3~2.0kgf (FINAL) LIFE TEST;

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;

PART NO.	PIN	SCHEMATIC
JK003-Wd12AA	φ2.5	○ #1
JK003-Wd12AB	φ2.0	○ #3
JK003-Wd12AJ	φ1.65	∧ #2

ORDER INFORMATION:
 JK003-Wd12AX
 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: φ=2.5mm, MMT# JK003-Wd12AA
 -B: φ=2.0mm, MMT# JK003-Wd12AB
 -J: φ=1.65mm, MMT# JK003-Wd12AJ

TOLERANCES UNLESS OTHERWISE SPECIFIED ±0.25		SCALE 2/1		SIGNATURES		DATE		MODEL		
SYMBOL	UNIT	CHECKED	AMIE	APPROVALS	NO.	DRAWN	AARON	18/JUL/17'	TITLE	DC POWER JACK
Δ	mm									JK003-Wd12A_

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