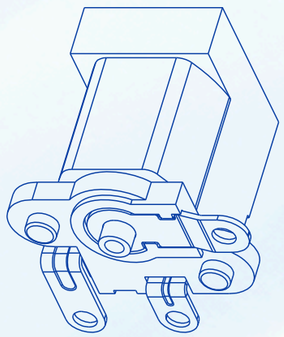
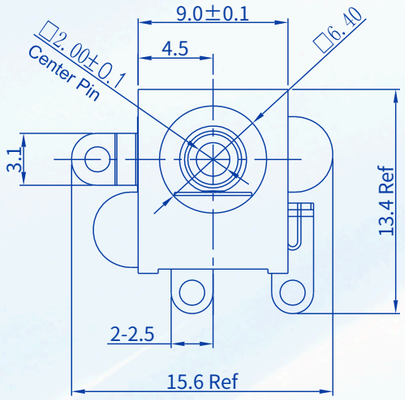
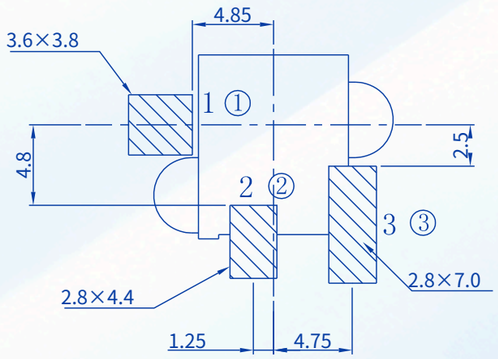
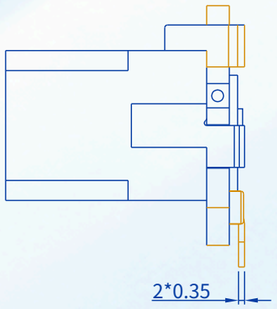
RoHS Compliant

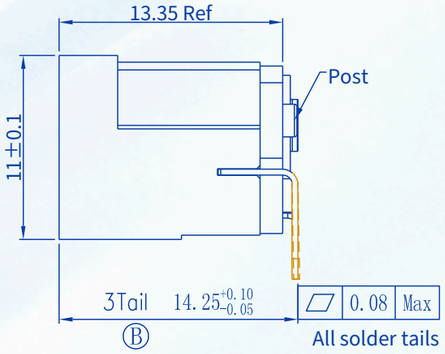


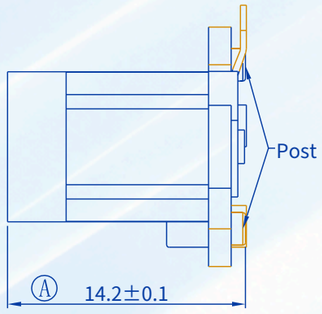


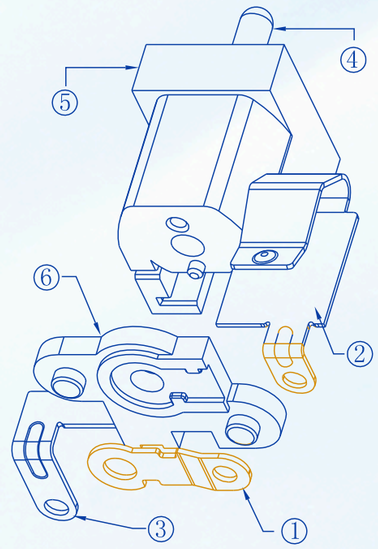


PCB LAYOUT TOP VIEW

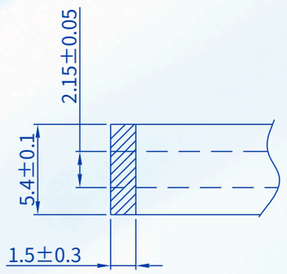


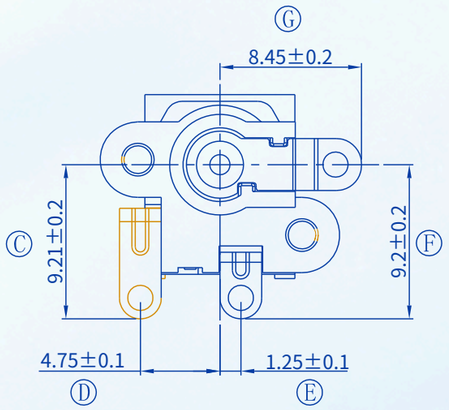


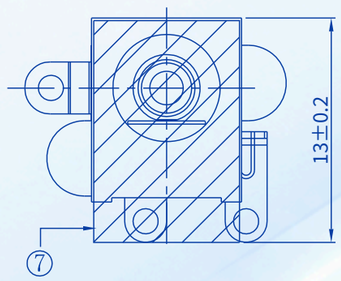




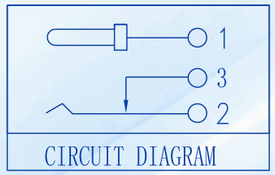
MATE PLUG







WITH MYLAR



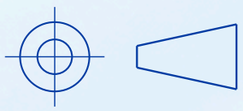
REVISION HISTORY

REV.	DESCRIPTION	DRAWN BY	CHECKED BY	APPROVED BY
A0	INITIAL RELEASE	KANGSHENG	Mahu	Jlan

MATERIAL / SPECIFICATION	
Contact Resistance	30 mΩ max (initial)
Dielectric Withstanding Voltage	500V AC for one minute
Insulation Resistance	100 MΩ min, measured by 500V DC
Insertion Force	0.3~3.0 kgf
Withdrawal Force	0.3~3.0 kgf
Life Test	5,000 cycles min
Soldering	For reflow soldering (lead-free) process
Note	* represents critical dimensions
BOM: Mylar Sd-Dc-0531	Qty 1; High Temp Sheet (13*8.7*0.07)
BOM: Cover Pc-Dc-0531-L6	Qty 1; HIGH TEMP PLASTIC; Black
BOM: Housing Ph-Dc-0531-L6	Qty 1; HIGH TEMP PLASTIC; Black
BOM: Pin Mp-Dc-0005-37-20Q6N	Qty 1; COPPER ALLOY; Ni 50u"-Plated
BOM: Terminal Mt-Dc-0531-3Q3S	Qty 1; COPPER ALLOY; Ag 30u"-Plated
BOM: Terminal Mt-Dc-0531-2Q1S	Qty 1; COPPER ALLOY; Ag 30u"-Plated
BOM: Terminal Mt-Dc-0531-1Q3S	Qty 1; COPPER ALLOY; Ag 30u"-Plated

GENERAL TOLERANCES (UNLESS OTHERWISE SPECIFIED)	
General X. (mm)	±0.50
General X.X (mm)	±0.30
General X.XX (mm)	±0.20
General X.XXX (mm)	±0.10
Angle X. (°)	±2
Angle X.X (°)	±1

PROJECTION



THIRD ANGLE PROJECTION

DRAWN BY	KANGSHENG
CHECKED BY	Mahu
APPROVED BY	Jlan

深圳市康生电子科技有限公司
Shenzhen Kangsheng Electronic Technology Co., Ltd.

PRODUCT NAME	DC Right-Angle SMT Power Jack DC005T 6.4 mm Opening						
PART NO.	KS-DC-005T					REV.	A0
SCALE	NTS	UNIT	mm	SIZE	A3	SHEET	1/1