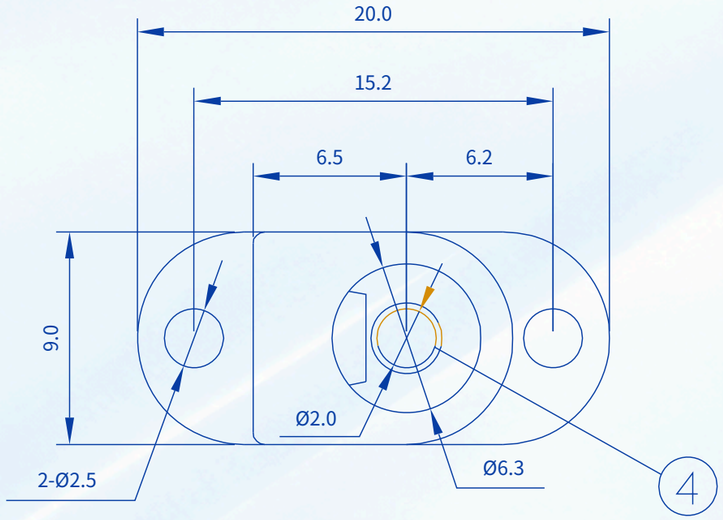
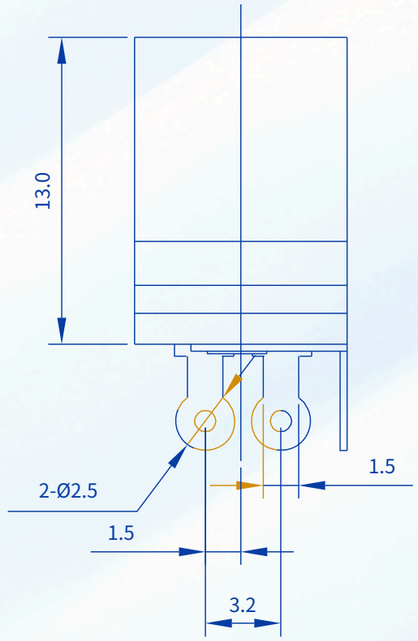
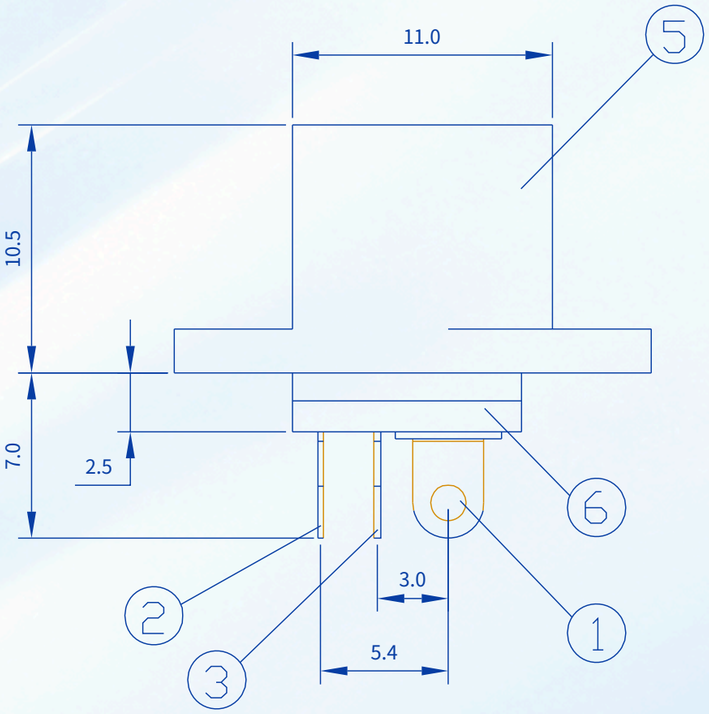
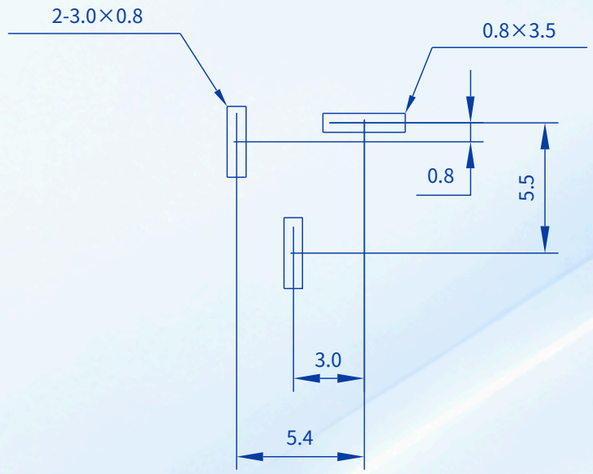
RoHS Compliant





PCB Layout



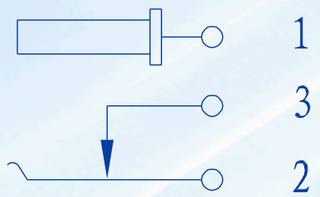


REVISION HISTORY

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

MATERIAL / SPECIFICATION	
Operating Temperature	-40~55°C
Rated Load	DC 30V 0.5A
Contact Resistance	⩽30 mΩ
Insulation Resistance	⩾100 MΩ DC250V
Withstand Voltage	AC 500V(50Hz)/min
Insertion & Extraction Force	3~20N
Mechanical Life	5000 cycles
BOM: Cover Plate	Qty 1PCS; Phenolic Paper Board T=1.2; Remark Yellow
BOM: Base	Qty 1PCS; PA (Black)
BOM: Pin	Qty 1PCS; H59-1 Brass Φ=2.0; Remark Plating: Sn
BOM: Fixed Contact	Qty 1PCS; H62 Brass t=0.30; Remark Plating: Sn
BOM: Moving Contact	Qty 1PCS; 65Mn Steel t=0.20; Remark Plating: Sn
BOM: Pin Leg	Qty 1PCS; H62 Brass t=0.35; Remark Plating: Sn

Circuit Schematic



GENERAL TOLERANCES (UNLESS OTHERWISE SPECIFIED)	
Under 1.5	±0.05
1.5~10	±0.1
Over 10	±0.2

PROJECTION

THIRD ANGLE PROJECTION

DRAWN BY	KANGSHENG
CHECKED BY	
APPROVED BY	

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

PRODUCT NAME	DC Through-Hole Power Jack DC-017 6.3 mm Opening 2.0 mm Center Pin							
PART NO.	KS-DC-017-01						REV.	A0
SCALE	NTS	UNIT	mm	SIZE	A3	SHEET	1/1	