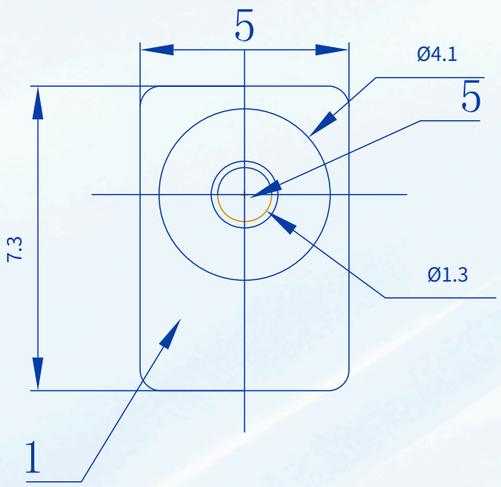
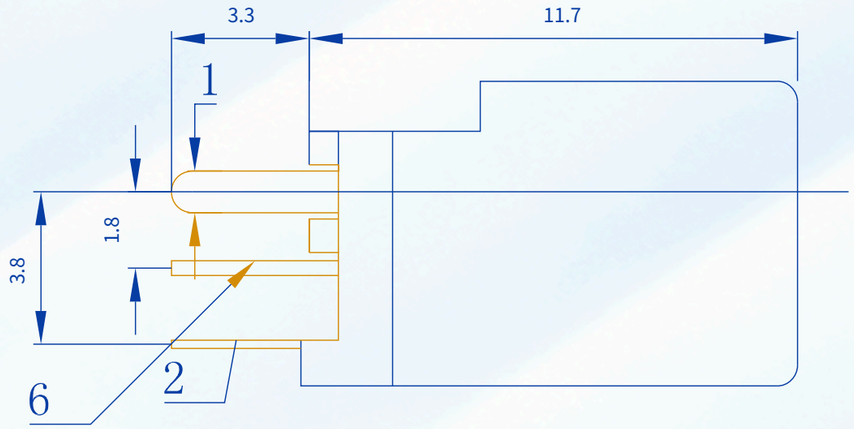
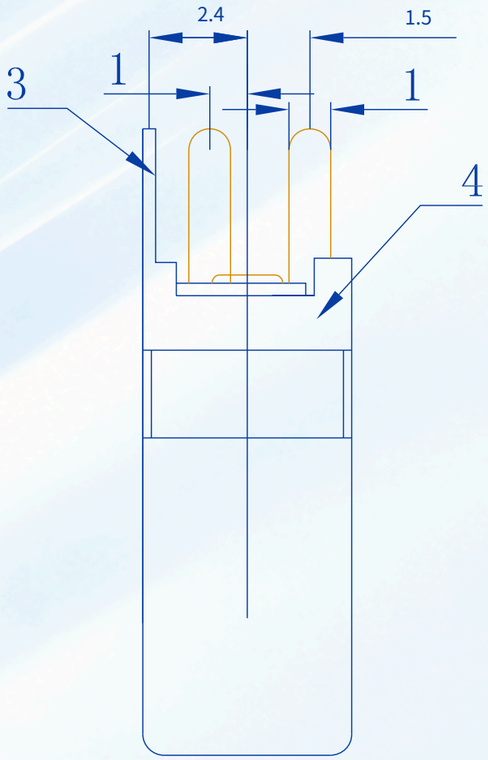
RoHS Compliant

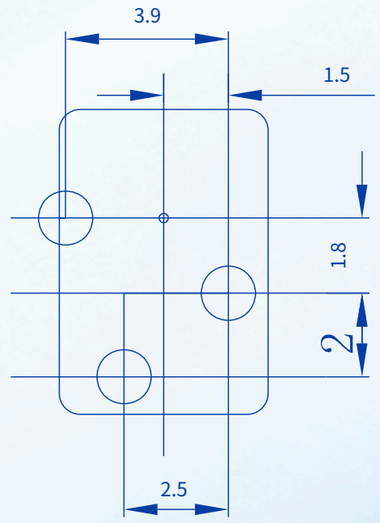
REVISION HISTORY

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









PCB Layout

MATERIAL / SPECIFICATION	
Rated Load	30V • 0.5A
Contact Resistance	⩽30 mΩ
Insulation Resistance	⩾100 MΩ
Withstand Voltage	AC500V(50Hz)/min
Insertion & Extraction Force	3~20N
Life	5,000 cycles
BOM: Bent Piece	H62 Brass Strip (Y) δ=0.30mm; Qty 1; Remark Cu-Sn
BOM: Pin	H62 Brass Rod; Qty 1; Remark Cu-Sn
BOM: Rear Cover	PBT; Qty 1; Remark Black
BOM: Flat Piece	H62 Brass Strip (Y) δ=0.30mm; Qty 1; Remark Cu-Sn
BOM: Spring Leaf	Manganese Steel 65 δ=0.2mm; Qty 1; Remark Sn-Sb
BOM: Base	PBT; Qty 1; Remark Black

Circuit Schematic



GENERAL TOLERANCES (UNLESS OTHERWISE SPECIFIED)	
.XX (mm)	±0.05
.X (mm)	±0.10
L (mm)	±0.20
.X (°)	±0.5
L (°)	±1°

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 Vertical Through-Hole Power Jack DC-002D 4.1 mm Opening 1.3 mm Center Pin						
PART NO.	KS-DC-002D					REV.	A0
SCALE	NTS	UNIT	mm	SIZE	A3	SHEET	1/1