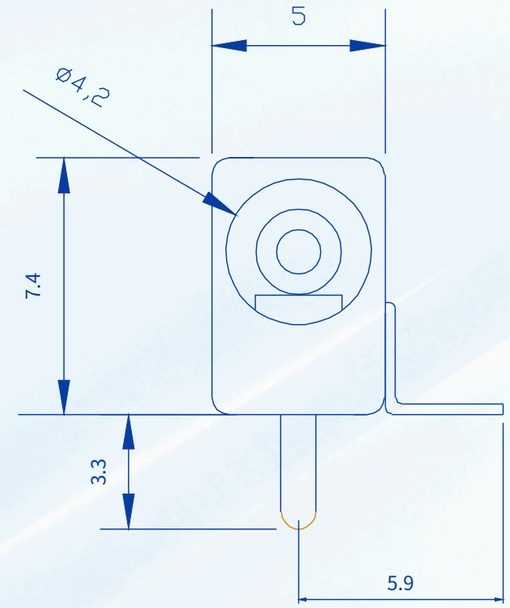
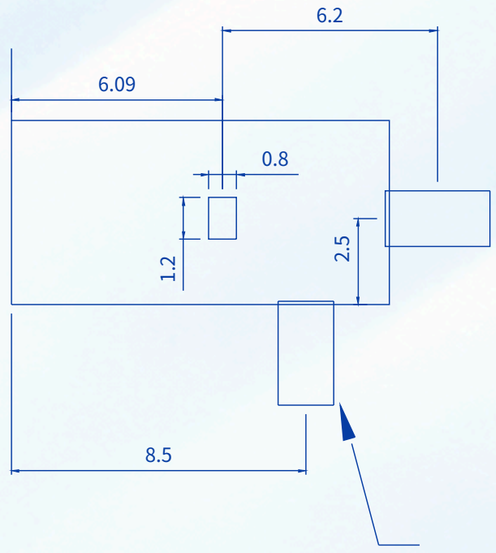
RoHS Compliant

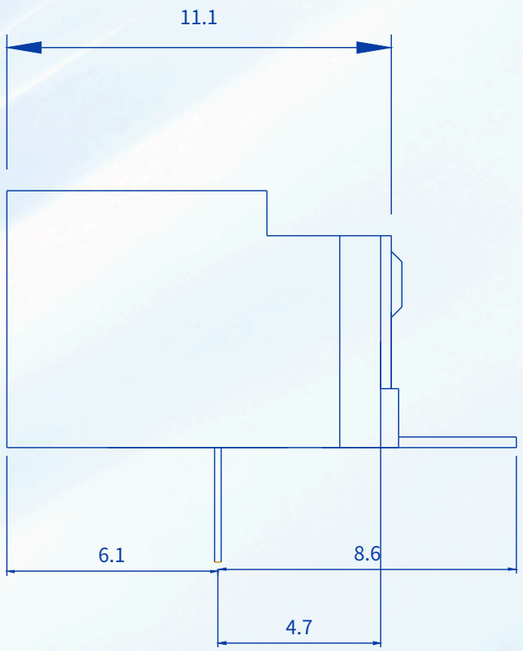
REVISION HISTORY

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

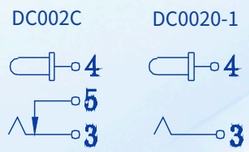
PCB Layout







Circuit Schematic



Circuit Diagram			
PIN	Ø1.0	Ø1.1	Ø1.3
APPD			

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 55V(50Hz)/min
Insertion & Extraction Force	3~20N
Mechanical Life	5000 cycles
BOM: Cover Plate	Qty 1PCS; PA 66 (Black)
BOM: Base	Qty 1PCS; PA 66 (Black)
BOM: Insert Piece	Qty 1PCS; Iron 45# t=0.3; Remark Plating: Sn T
BOM: Contact Spring	Qty 1PCS; Iron 45# t=0.3; Remark Plating: Sn T
BOM: Moving Contact	Qty 1PCS; Manganese Steel t=0.2; Remark Plating: Sn T
BOM: Pin	Qty 1PCS; 45# Φ=1.3; Remark Plating: Cu-Sn

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 Right-Angle Through-Hole Power Jack DC-002C 4.2 mm Opening								
PART NO.	KS-DC-002C							REV.	A0
SCALE	NTS	UNIT	mm	SIZE	A3	SHEET	1/1		