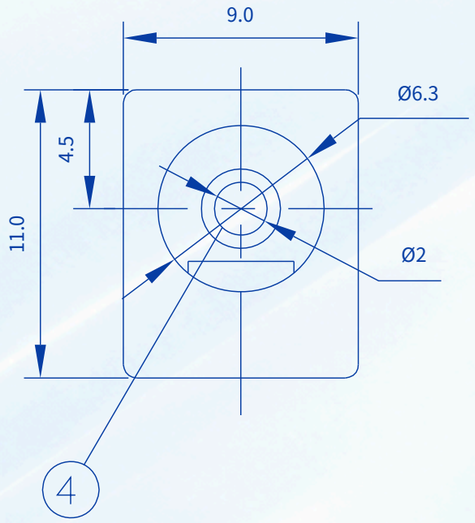
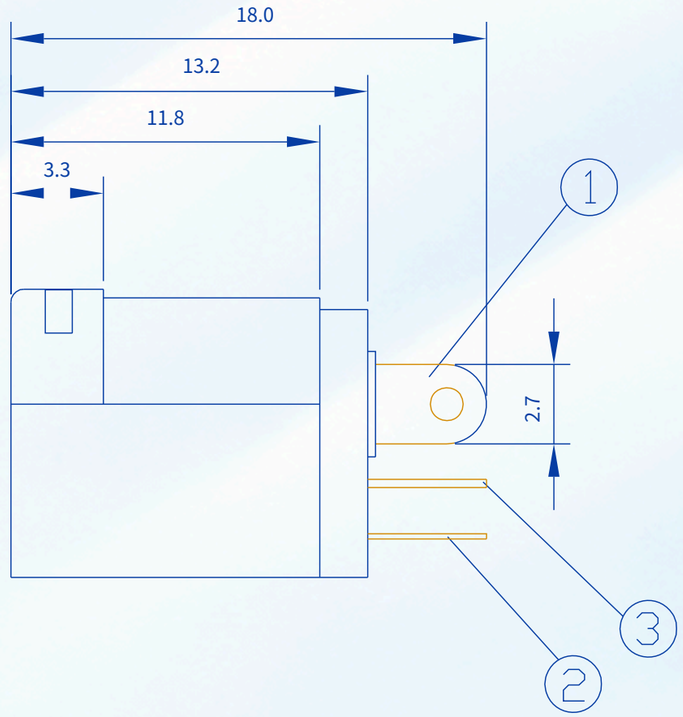
RoHS Compliant

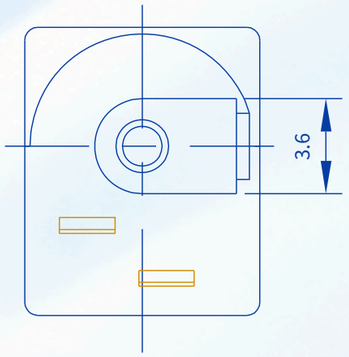
REVISION HISTORY				
REV.	DESCRIPTION	DRAWN BY	CHECKED BY	APPROVED BY
A0	INITIAL RELEASE	KANGSHENG		

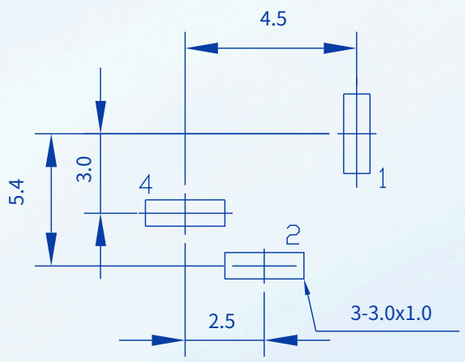




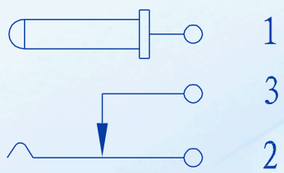
MATERIAL / SPECIFICATION	
Operating Temperature	-40 ~ 55°C
Rated Load	DC 30V 0.5A
Contact Resistance	⩽30 mΩ
Insulation Resistance	⩾100 MΩ DC250V
Withstanding Voltage	AC 500V(50Hz)/min
Insertion/Extraction Force	3~20N
Mechanical Life	5000 cycles
BOM: Cover Plate	Phenolic paper board T=1.6; Qty 1; Color: Yellow
BOM: Base	PA66 (Black); Qty 1
BOM: Pin	H59-1 BRASS ϕ=2.0; Qty 1; Nickel plated
BOM: Static Contact	H62 BRASS t=0.30; Qty 1; Tin plated
BOM: Moving Contact	65Mn STEEL t=0.20; Qty 1; Tin plated
BOM: Pin Leg	H62 BRASS t=0.30; Qty 1; Tin plated

P.C.B LAYOUT



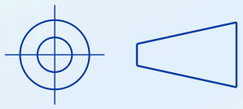


SCHEMATIC



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 Right-Angle Through-Hole Power Jack DC-012B 6.3 mm Opening 2.0 mm Center Pin						
PART NO.	KS-DC-012B					REV.	A0
SCALE	NTS	UNIT	mm	SIZE	A3	SHEET	1/1