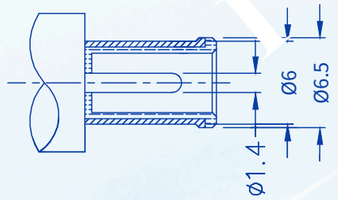
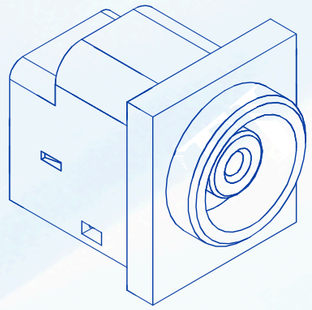
RoHS Compliant

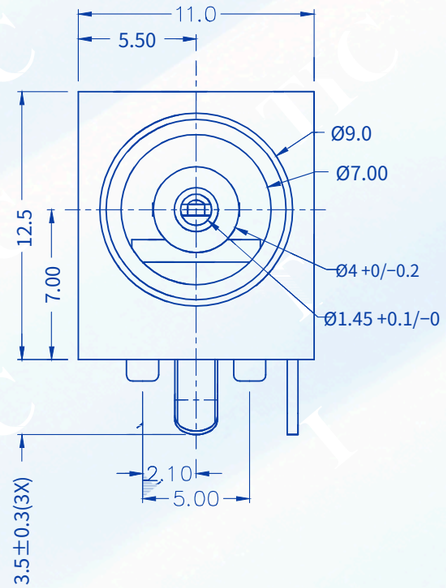
REVISION HISTORY

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



DC MATE PLUG



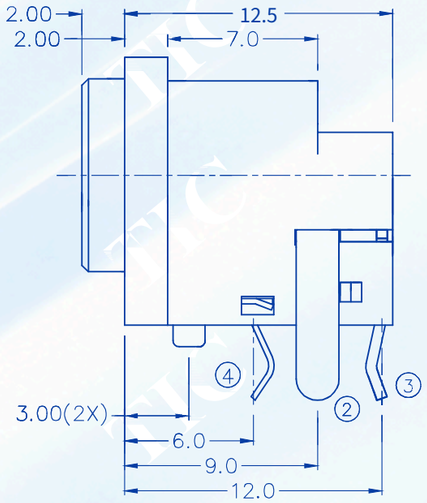


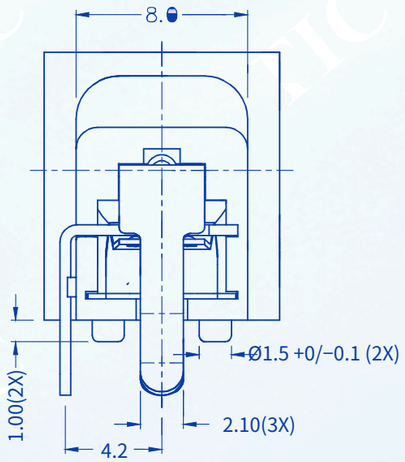
Technical Performance

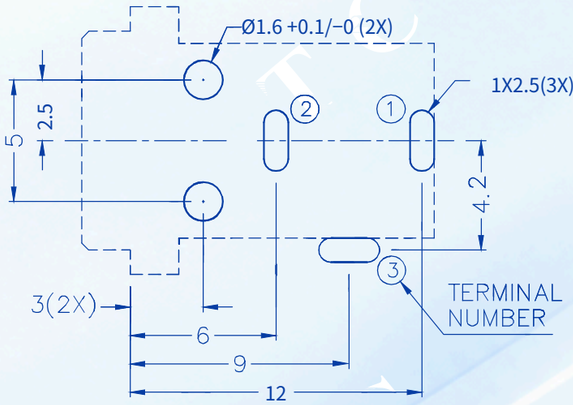
Item	Specification	Tolerance
Rated Load	DC 30V 0.5A	X. ±0.20
Contact Resistance	⩽30 mΩ	.X ±0.10
Insulation Resistance	⩾100 MΩ	.XX ±0.05
Withstanding Voltage	AC500V (50Hz) 1min	.XXX ±0.02
Insertion/Extraction Force	3-20N	X° ±5°
Operating Temperature	-30 to 70°C	.X° ±2°
Life	5,000 cycles	.XX° ±1°

MATERIAL / SPECIFICATION

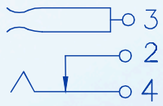
BOM: Spring Piece	H62 PHOSPHOR BRONZE STRIP T=0.30; 1 pc; Silver plated
BOM: Center Pin	H62 BRASS STRIP T=0.50; 1 pc; Silver plated
BOM: Insert Piece	H62 BRASS STRIP T=0.50; 1 pc; Silver plated
BOM: Base	PBT; 1 pc; Black





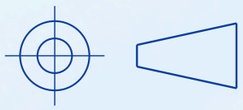


RECOMMENDED PCB LAYOUT
TOLERANCE: ±0.05
(TOP VIEW)



GENERAL TOLERANCES
(UNLESS OTHERWISE SPECIFIED)

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-038 7.0 mm Opening 1.45 mm Center Pin						
PART NO.	KS-DC-038-01					REV.	A0
SCALE	NTS	UNIT	mm	SIZE	A3	SHEET	1/1