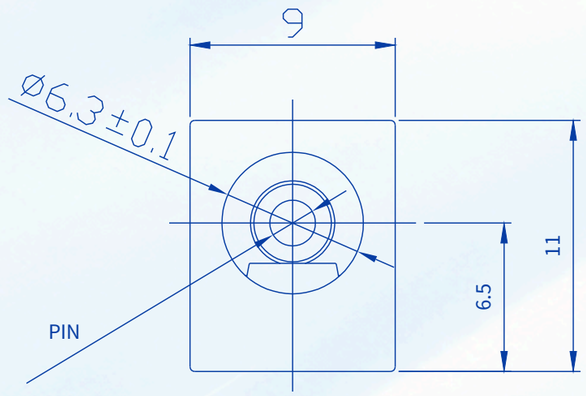
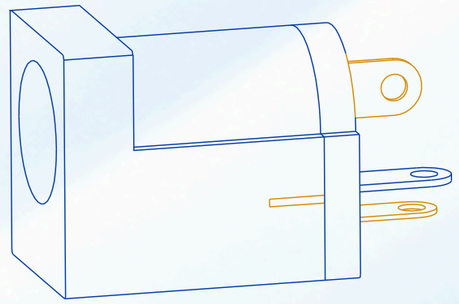
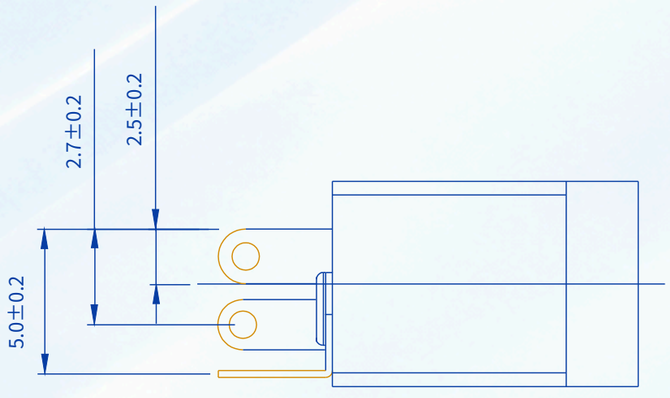
RoHS Compliant

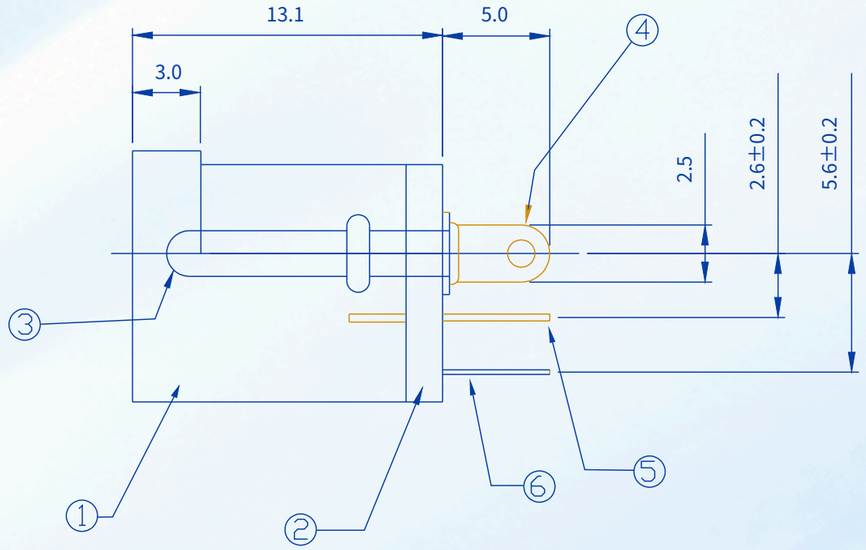
REVISION HISTORY

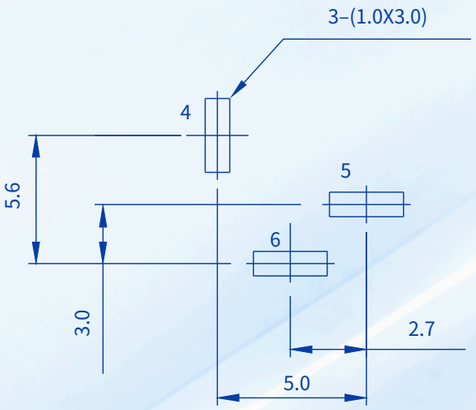
REV.	DESCRIPTION	DRAWN BY	CHECKED BY	APPROVED BY
A0	INITIAL RELEASE	KANGSHENG		











Technical Performance

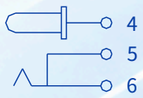
Item	Specification	Tolerance
Rated Load	DC 30V 0.5A	X. ±0.20
Contact Resistance	⩽30 mΩ	.X ±0.10
Insulation Resistance	⩾100 MΩ	.XX ±0.05
Withstanding Voltage	AC500V(50Hz)/min	.XXX ±0.02
Insertion/Extraction Force	3-20N	X° ±5°
Operating Temperature	-30 to 70°C	.X° ±2°
Life	5000 cycles	.XX° ±1°

MATERIAL / SPECIFICATION

BOM: Spring Piece	Qty 1; Mn Steel (Phosphor Bronze); Remark T=0.20; Tin-Antimony
BOM: Insert Piece	Qty 1; H62 BRASS STRIP; Remark T=0.30; Copper-Tin
BOM: Flat Piece	Qty 1; H62 BRASS STRIP; Remark T=0.30; Copper-Tin
BOM: Center Pin	Qty 1; H62 BRASS ROD; Copper-Tin
BOM: Cover Plate	Qty 1; Phenolic Board; Remark Yellow
BOM: Base	Qty 1; PBT; Remark Black

PCB LAYOUT TOP VIEW

PIN	ϕ 1.65	ϕ 2.0	ϕ 2.5
APPD			



GENERAL TOLERANCES (UNLESS OTHERWISE SPECIFIED)	PROJECTION	DRAWN BY	KANGSHENG
	THIRD ANGLE PROJECTION	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-051 6.3 mm Opening 1.65/2.0/2.5 mm Center Pin						
PART NO.	KS-DC-051					REV.	A0
SCALE	NTS	UNIT	mm	SIZE	A3	SHEET	1/1