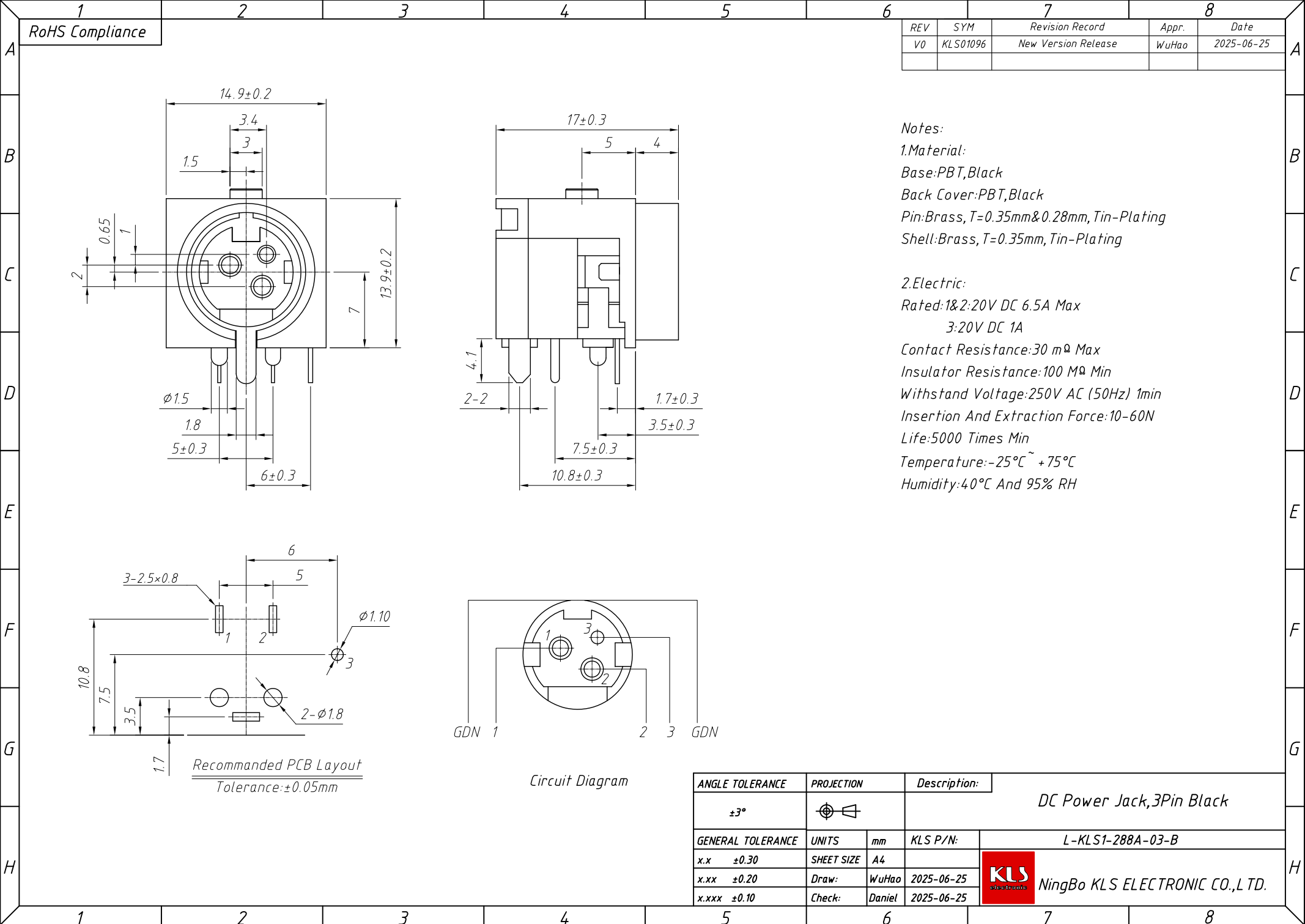




RoHS Compliance

REV	SYM	Revision Record	Appr.	Date
V0	KLS01096	New Version Release	WuHao	2025-06-25

Notes:

1.Material:

Base:PBT,Black

Back Cover:PBT,Black

Pin:Brass,T=0.35mm&0.28mm,Tin-Plating

Shell:Brass,T=0.35mm,Tin-Plating

2.Electric:

Rated:1&2:20V DC 6.5A Max

3:20V DC 1A

Contact Resistance:30 mΩ Max

Insulator Resistance:100 MΩ Min

Withstand Voltage:250V AC (50Hz) 1min

Insertion And Extraction Force:10-60N

Life:5000 Times Min

Temperature:-25℃ ~ +75℃

Humidity:40℃ And 95% RH

Recommended PCB Layout

Tolerance:±0.05mm

Circuit Diagram

ANGLE TOLERANCE	PROJECTION	Description:	DC Power Jack,3Pin Black	
±3°				
GENERAL TOLERANCE	UNITS	mm	KLS P/N:	L-KLS1-288A-03-B
x.x ±0.30	SHEET SIZE	A4		
x.xx ±0.20	Draw:	WuHao	2025-06-25	NingBo KLS ELECTRONIC CO.,LTD.
x.xxx ±0.10	Check:	Daniel	2025-06-25	

DC Power Connectors

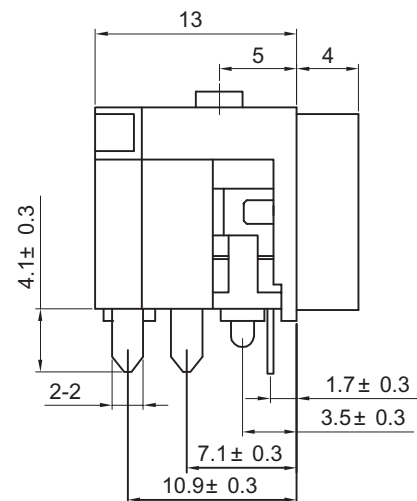
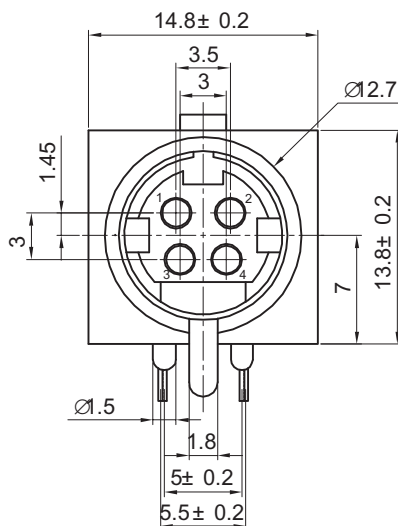
KLS1-288A (DC Power Jack)

Material:

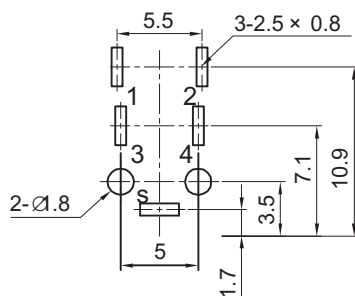
Housing Material: PBT+15%G.F
Contact: Brass, Tin plated

Technical parameters:

Contact Resistance: $\leq 30\text{m}\Omega$
Insulation Resistance: $\geq 100\text{M}\Omega$
Withstanding Voltage: 500V AC (50Hz) 1min
Rated load: 7.5A 20V DC
Life: ≥ 5000 times
Actuating Force: 10~50N
Operating Temperature: $-25^{\circ}\text{C} \sim 70^{\circ}\text{C}$



PCB 板安装孔图



ORDER INFORMATION

Product NO.: L-KLS1-288A-04-B

L:RoHS
Pos. NO.
DC Power Jack
Color: B Black
03-3 PIN; 04-4 PIN