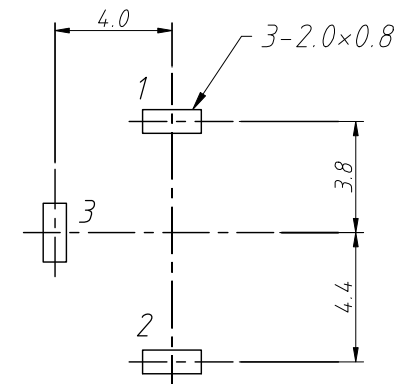
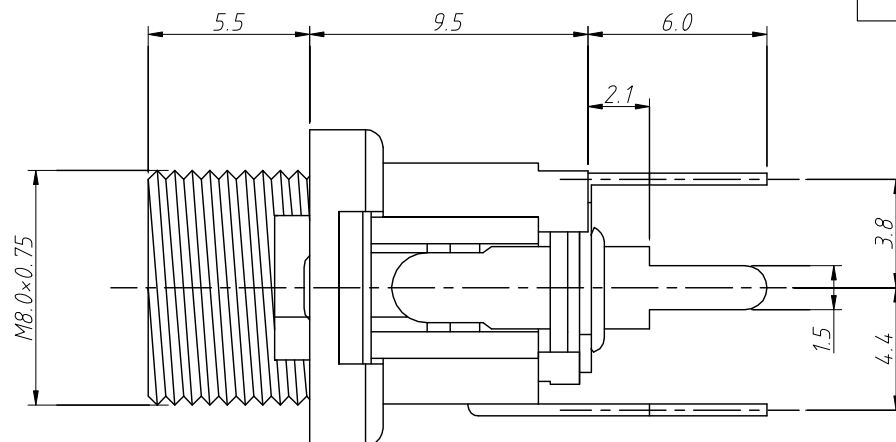
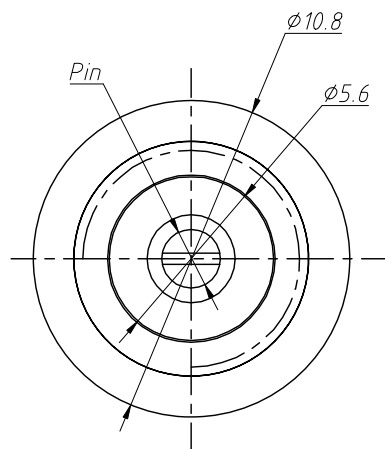
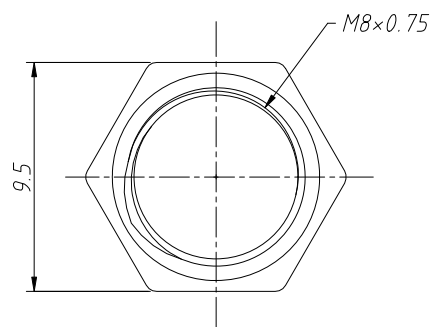


REV	SYM	Revision Record	Appr.	Date
V0	KLS01129	New Version Release	Song	2025-09-22



Recommended PCB Layout
Tolerance: $\pm 0.05\text{mm}$



Material:

Flat Piece: H62 Brass, Cu-Sn-Plating

Curve Piece: Phosphor Bronze, Cu-Sn-Plating

Spring: Phosphor Bronze, Cu-Sn-Plating

Pin: H59 Brass, Cu-Sn-Plating

Axis Support: H59 Brass, Cu-Sn-Plating

Housing:PBT

Nut:H59(Copper Alloy)MB:Cu Ni Plating

Washer:H59(Copper Alloy)MB:Cu Ni Plating

Electric:

Rating: DC 24 V, 3A

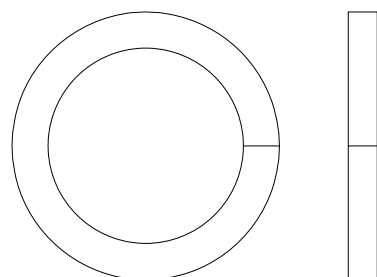
Contact Resistance: 0.03Ω Max

Insulation Resistance: 100M Ω Min(DC250V)

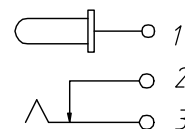
Withstand Voltage:500VAC

Insertion And Extraction Force:3-20N

Life Test: 5000 Cycles



Schematic



ITEM	Pin
L-KLS1-DC-025A-2.0	Ø2.0
L-KLS1-DC-025A-2.5	Ø2.5

ANGLE TOLERANCE		PROJECTION		Description:		
±3°				DC JACK		
GENERAL TOLERANCE		UNITS	mm	KLS P/N:	L-KLS1-DC-025A-XX	
x.x	±0.30	SHEET SIZE	A4		NingBo KLS ELECTRONIC CO.,L TD.	
x.xx	±0.20	Draw:	Song			2025-09-22
x.xxx	±0.10	Check:	Daniel			2025-09-22