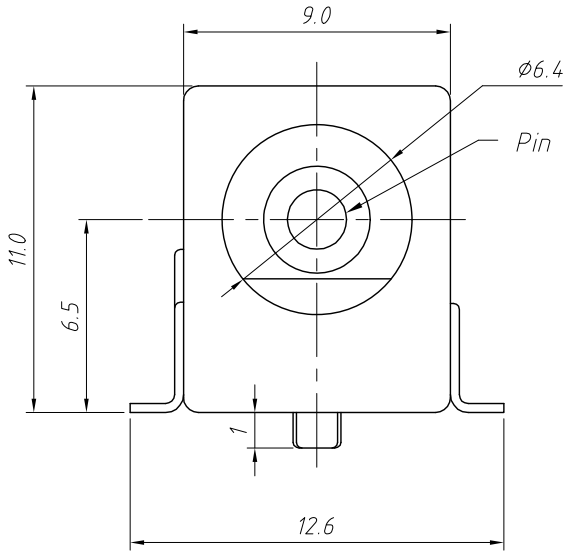
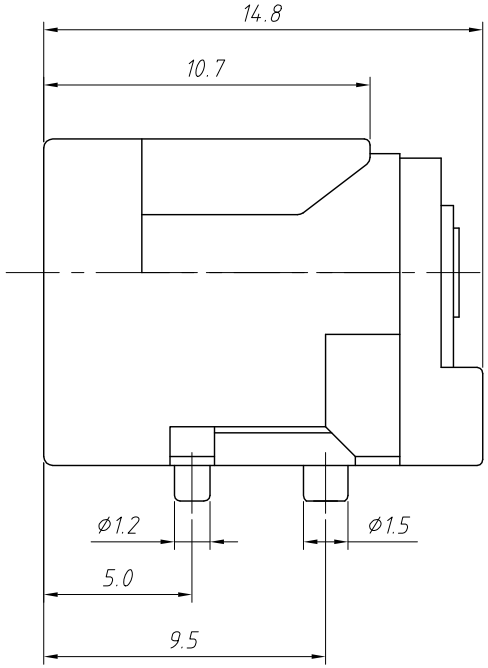
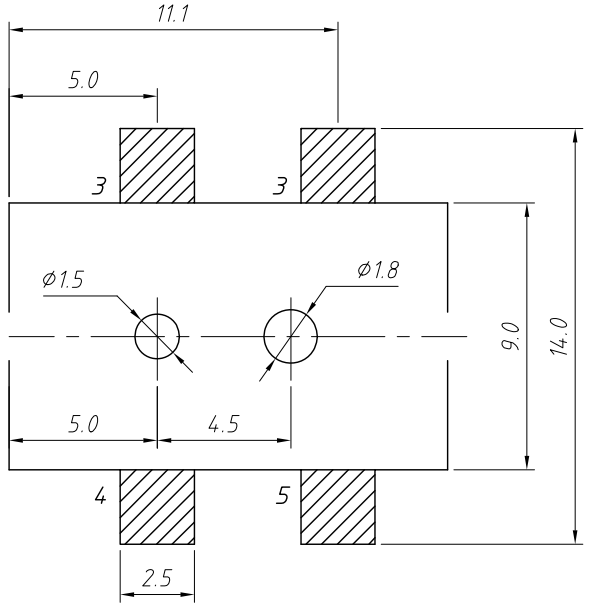
RoHS Compliance

REV	SYM	Revision Record	Appr.	Date
V0	KLS01129	New Version Release	WuHao	2026-09-08







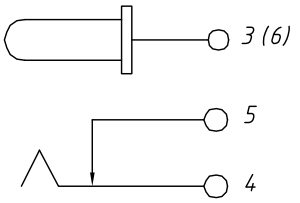
Recommanded PCB Layout

Tolerance:±0.05mm

Material:
Housing:PBT / PA66 / PA46
Cover:PBT / PA66 / PA46
Curve Piece:H62 Brass,Ag-Plating
Spring:Bronze,Ag-Plating
Curve Piece:H62 Brass,Ag-Plating
Pin:H59 Brass,Ni-Plating

Electric:
Rating:DC 24V 5A
Contact Resistance:0.03Ω Max
Insulation Resistance:100MΩ Min (DC250V)
Withstand Voltage:500VAC
Insertion And Extraction Force:3-20N
Life Test:5000 Cycles

ITEM	Pin
L-KLS1-TDC-001-2.0-T	Ø2.0
L-KLS1-TDC-001-2.5-T	Ø2.5



Schematic

ANGLE TOLERANCE	PROJECTION		Description:	Dip DC Power Jack Connectors
±3°				
GENERAL TOLERANCE	UNITS	mm	KLS P/N:	L-KLS1-TDC-001-xx-T
x.x ±0.30	SHEET SIZE	A4		
x.xx ±0.20	Draw:	WuHao	2026-09-08	NingBo KLS ELECTRONIC CO.,LTD.
x.xxx ±0.10	Check:	Daniel	2026-09-08	