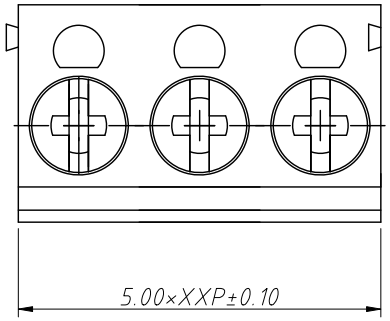
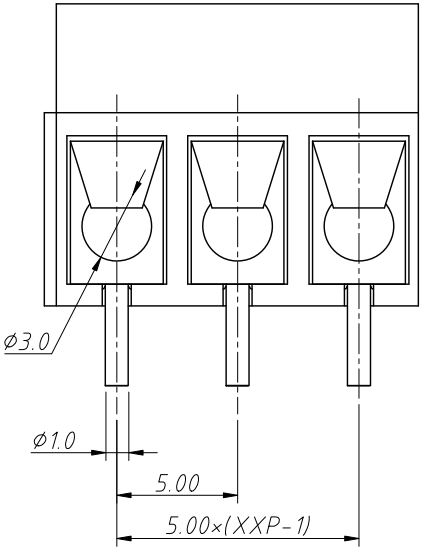
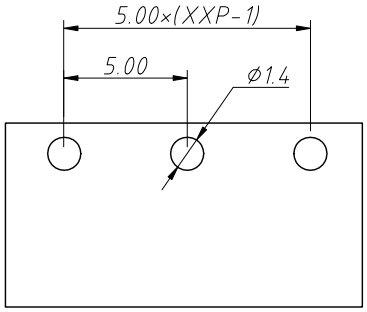
RoHS Compliance

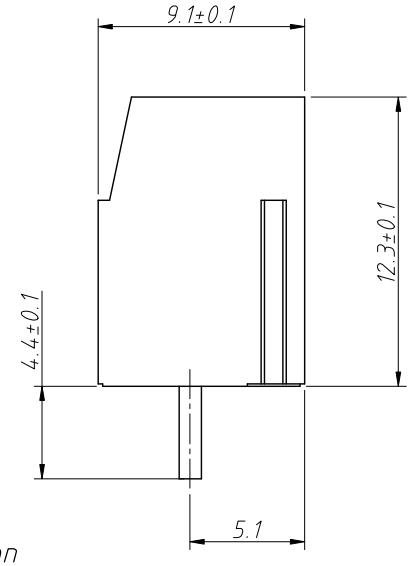
REV	SYM	Revision Record	Appr.	Date
V0	KLS02014	New Version Release	Song	2025-08-28







Recommanded PCB Layout



Material:
Contact(metal housing): Brass (CuZn)
Terminal screw: Steel galvanized and chromatize
or Nickel plated or Tin plted(standard)(optian)
Wire guard: Stainless steel
Surface of solder tail: tin plated
Insulator body(housing):Polyamide(Glass filled)(UL 94 V-0)

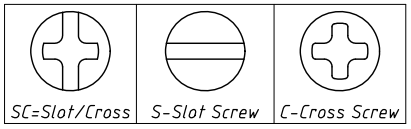
Electrical
Voltage rating: 250VAC
Current rating: 16 Amps/way max
Contact resistance: 20mΩ (max)
Insulation resistance: 5000MΩ /1000V
Withsanding Voltage:2000VAC(1mim) Test time=60sec/1pcs
Wire range: 14-26AWG

Mechanical:
Torque: 4kg-cm/M3
Operating temperature: -33°C to +120°C
Soldering ability: 95%coverage(min)
Test temperature= 230°C±10°C
Test time= 4sec±0.5sec
Soldring reliability:
Test temperature= 250°C±10°C,5 seconds max

Order Information

L-KLS2-300-5.00-02P-2 C

RoHS
Terminal Block
Pitch:5.00mm
No.:Of XX Pin
Color:
1=Gray 2=Blue 3=Black
4=Green 5=Orange 6=Red
7=Transp 8=Yellow 9=White
Screw:SC=Slot/Cross
S-Slot Screw C-Cross Screw



ANGLE TOLERANCE	PROJECTION		Description:	Pitch 5.00mm Terminal Block
±3°				
GENERAL TOLERANCE	UNITS	mm	KLS P/N:	L-KLS2-300-5.00-XXP-XX
0~30 ±0.50	SHEET SIZE	A4		
30~60 ±0.75	Draw:	Song	2025-08-28	NingBo KLS ELECTRONIC CO.,LTD.
60~90 ±1.00	Check:	Daniel	2025-08-28	