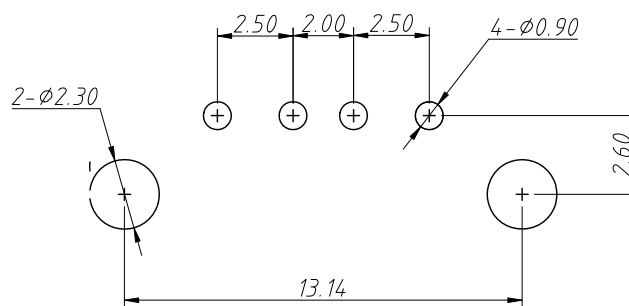
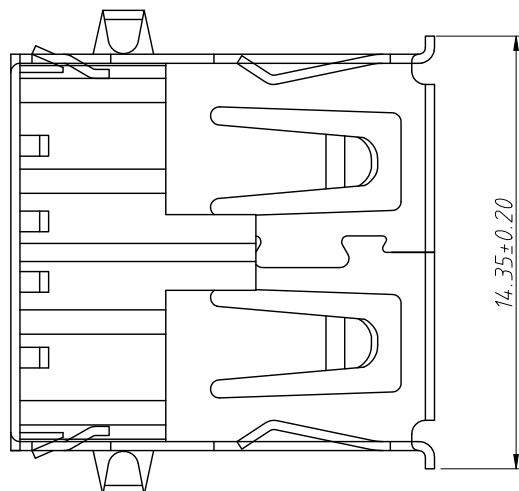
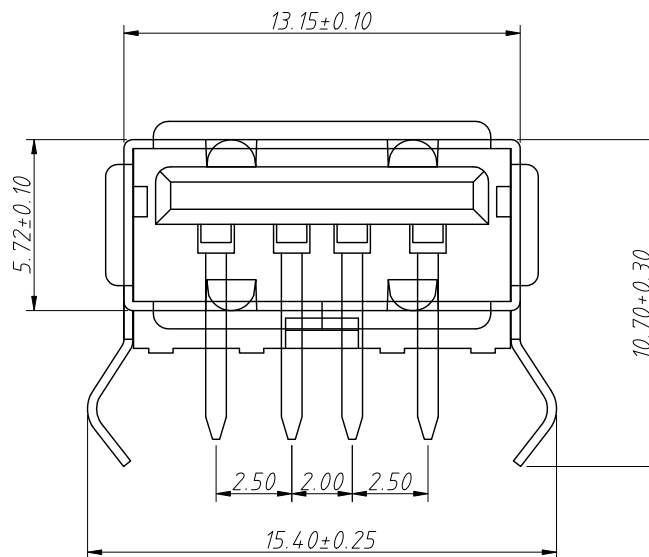
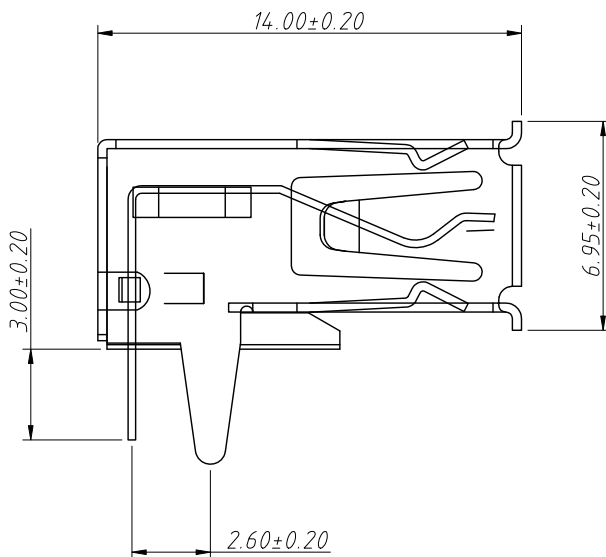


1 RoHS Compliance



Recommended PCB Layout
Tolerance: ±0.05mm

Material

Housing: Hing Temperature Thermoplastic, UL 94 V-0
PBT/LCP, Black/White.

Contact: Copper Alloy C2680.

Shell: Copper Alloy C2680/SPCC.

Finish:

Contact: Plated Gold In Mating Area, Tin On Solder Talls.

Shell: Nickel Plating

Electrical:

Current Rating: 1.5A/Contact Terminal.

Voltage Rating: 30V DC

Contact Resistance: 30 milliohms Max

Dielectric Withstanding Voltage: 500 V AC AT Sea Level

Insulation Resistance: 1000 MEGA ohms Min

Connector Mate and Unmated Force

Mate Force: 3.75kgf Max

Unmated Force: 1.02kgf Min

Terminal Retention: 1.2kgf Min

Order Information

L-KLS1- 181A- W

RoHS

USB Series

Insulation Color

B=Black W=White

ANGLE TOLERANCE	PROJECTION	Description:
±3°		USB 2.0 Connector
GENERAL TOLERANCE	UNITS	mm
x.x ±0.30	SHEET SIZE	A4
x.xx ±0.20	Draw:	Song
x.xxx ±0.10	Check:	Daniel
		KLS P/N:
		L-KLS1-181A-X
		2025-08-04
		2025-08-04



NingBo KLS ELECTRONIC CO.,LTD.