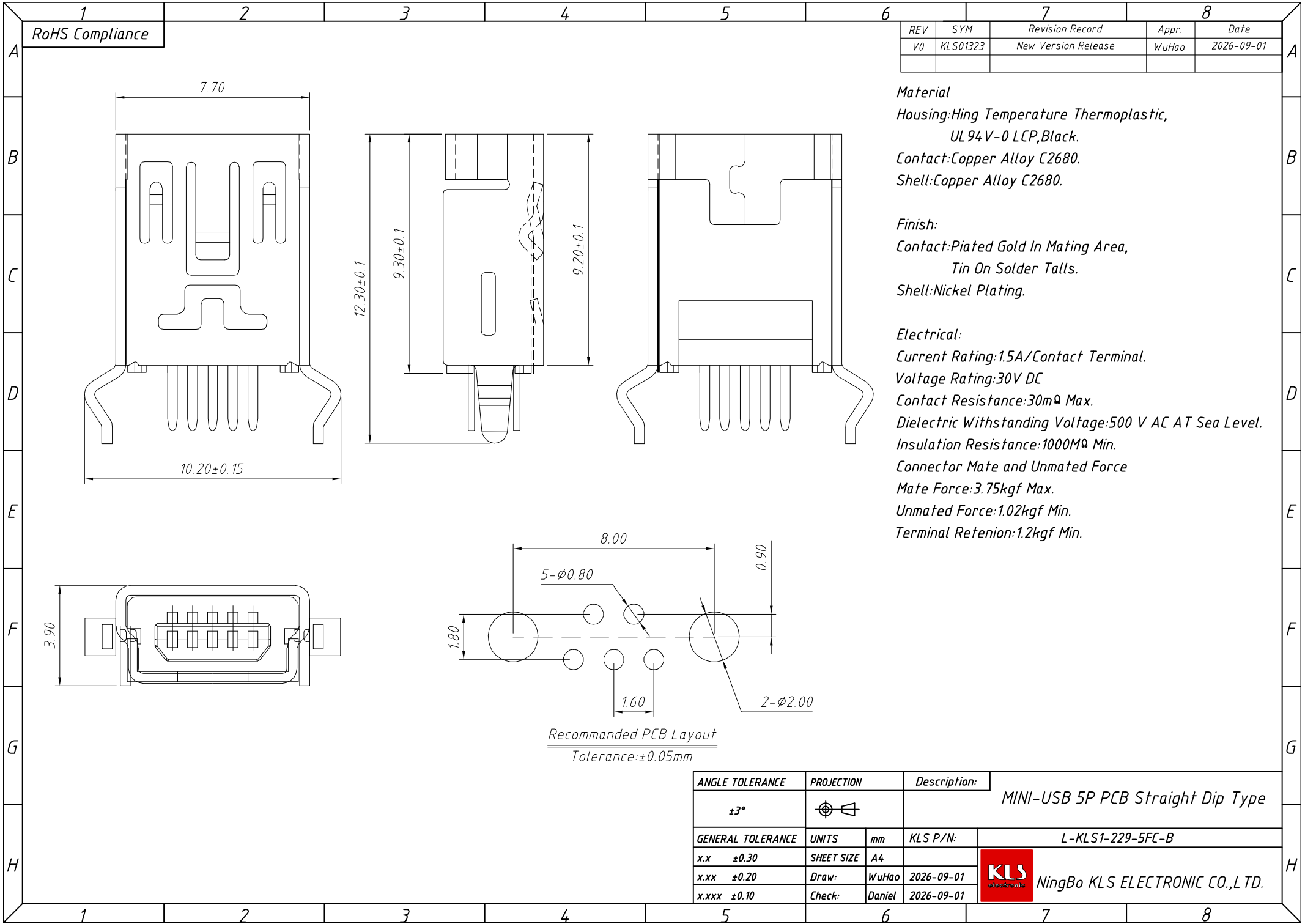




RoHS Compliance

REV	SYM	Revision Record	Appr.	Date
V0	KLS01323	New Version Release	WuHao	2026-09-01

Material
Housing:Hing Temperature Thermoplastic,
UL 94 V-0 LCP,Black.
Contact:Copper Alloy C2680.
Shell:Copper Alloy C2680.

Finish:
Contact:Piated Gold In Mating Area,
Tin On Solder Talls.
Shell:Nickel Plating.

Electrical:
Current Rating:1.5A/Contact Terminal.
Voltage Rating:30V DC
Contact Resistance:30mΩ Max.
Dielectric Withstanding Voltage:500 V AC AT Sea Level.
Insulation Resistance:1000MΩ Min.
Connector Mate and Unmated Force
Mate Force:3.75kgf Max.
Unmated Force:1.02kgf Min.
Terminal Retention:1.2kgf Min.

Recommended PCB Layout
Tolerance:±0.05mm

ANGLE TOLERANCE		PROJECTION		Description:	
±3°				MINI-USB 5P PCB Straight Dip Type	
GENERAL TOLERANCE		UNITS	mm	KLS P/N:	
x.x ±0.30		SHEET SIZE	A4	L-KLS1-229-5FC-B	
x.xx ±0.20		Draw:	WuHao	2026-09-01	NingBo KLS ELECTRONIC CO.,L TD.
x.xxx ±0.10		Check:	Daniel	2026-09-01	