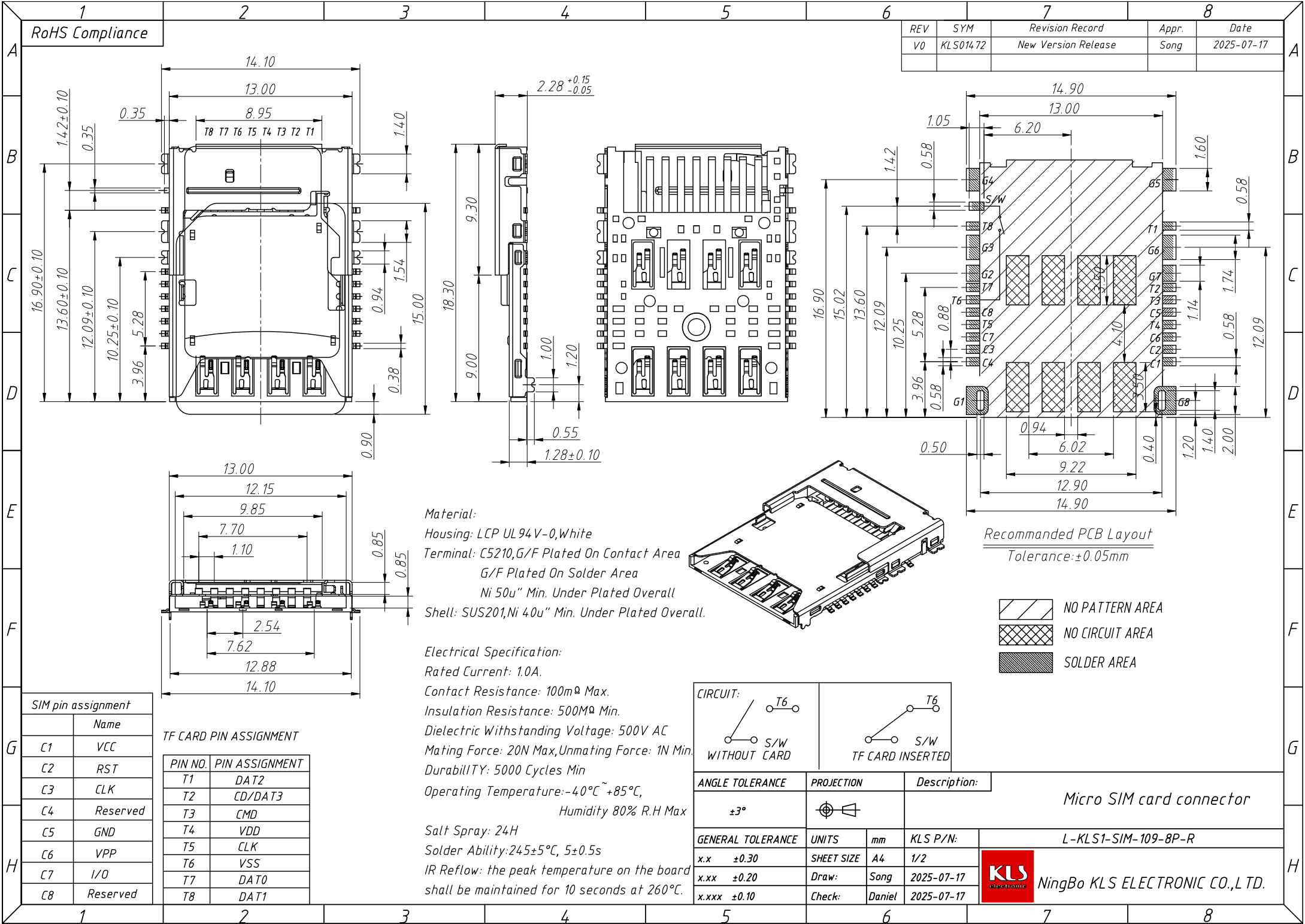
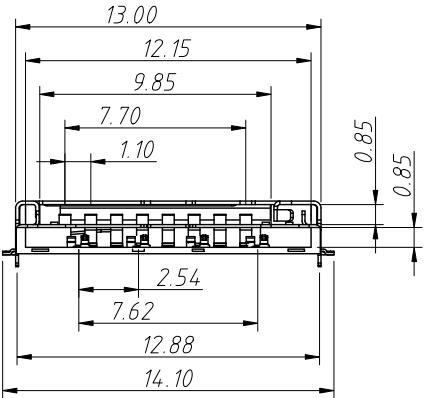
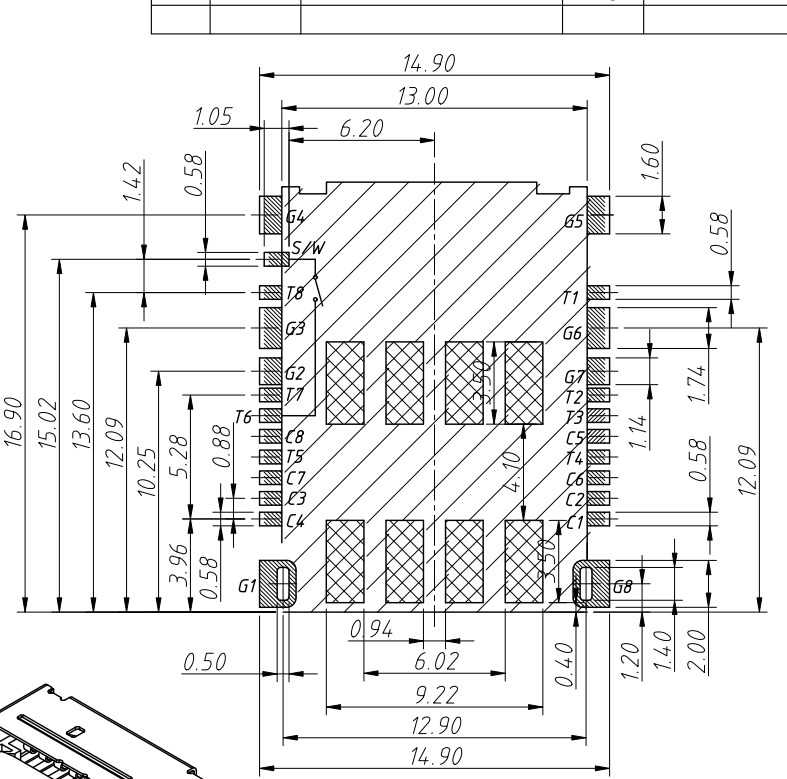
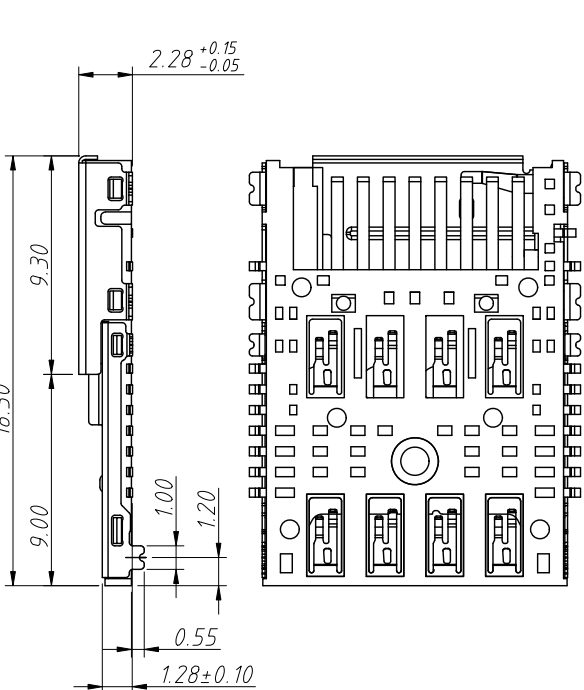
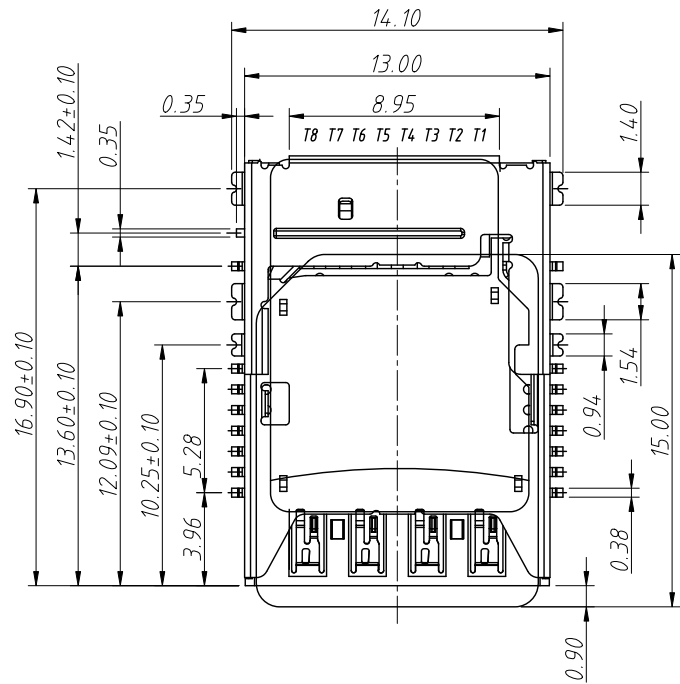




RoHS Compliance

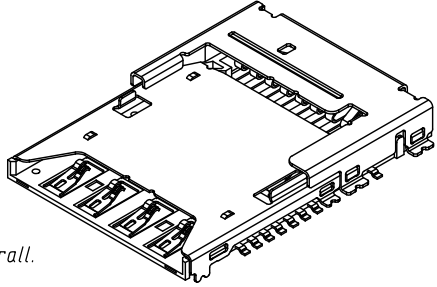
REV	SYM	Revision Record	Appr.	Date
V0	KLS01472	New Version Release	Song	2025-07-17



Material:
Housing: LCP UL94V-0,White
Terminal: C5210,G/F Plated On Contact Area
G/F Plated On Solder Area
Ni 50u" Min. Under Plated Overall
Shell: SUS201,Ni 40u" Min. Under Plated Overall.

Electrical Specification:
Rated Current: 1.0A.
Contact Resistance: 100mΩ Max.
Insulation Resistance: 500MΩ Min.
Dielectric Withstanding Voltage: 500V AC
Mating Force: 20N Max,Unmating Force: 1N Min.
Durability: 5000 Cycles Min
Operating Temperature:-40°C ~+85°C,
Humidity 80% R.H Max

Salt Spray: 24H
Solder Ability:245±5°C, 5±0.5s
IR Reflow: the peak temperature on the board
shall be maintained for 10 seconds at 260°C.



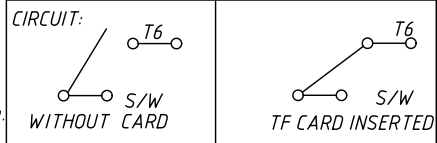
Recommended PCB Layout
Tolerance:±0.05mm

	NO PATTERN AREA
	NO CIRCUIT AREA
	SOLDER AREA

SIM pin assignment	
	Name
C1	VCC
C2	RST
C3	CLK
C4	Reserved
C5	GND
C6	VPP
C7	I/O
C8	Reserved

TF CARD PIN ASSIGNMENT

PIN NO.	PIN ASSIGNMENT
T1	DAT2
T2	CD/DAT3
T3	CMD
T4	VDD
T5	CLK
T6	VSS
T7	DAT0
T8	DAT1



ANGLE TOLERANCE	PROJECTION		Description:	
$\pm 3^{\circ}$			Micro SIM card connector	
GENERAL TOLERANCE	UNITS	mm	KLS P/N:	L-KLS1-SIM-109-8P-R
x.x ± 0.30	SHEET SIZE	A4	1/2	 NingBo KLS ELECTRONIC CO.,L TD.
x.xx ± 0.20	Draw:	Song	2025-07-17	
x.xxx ± 0.10	Check:	Daniel	2025-07-17	

