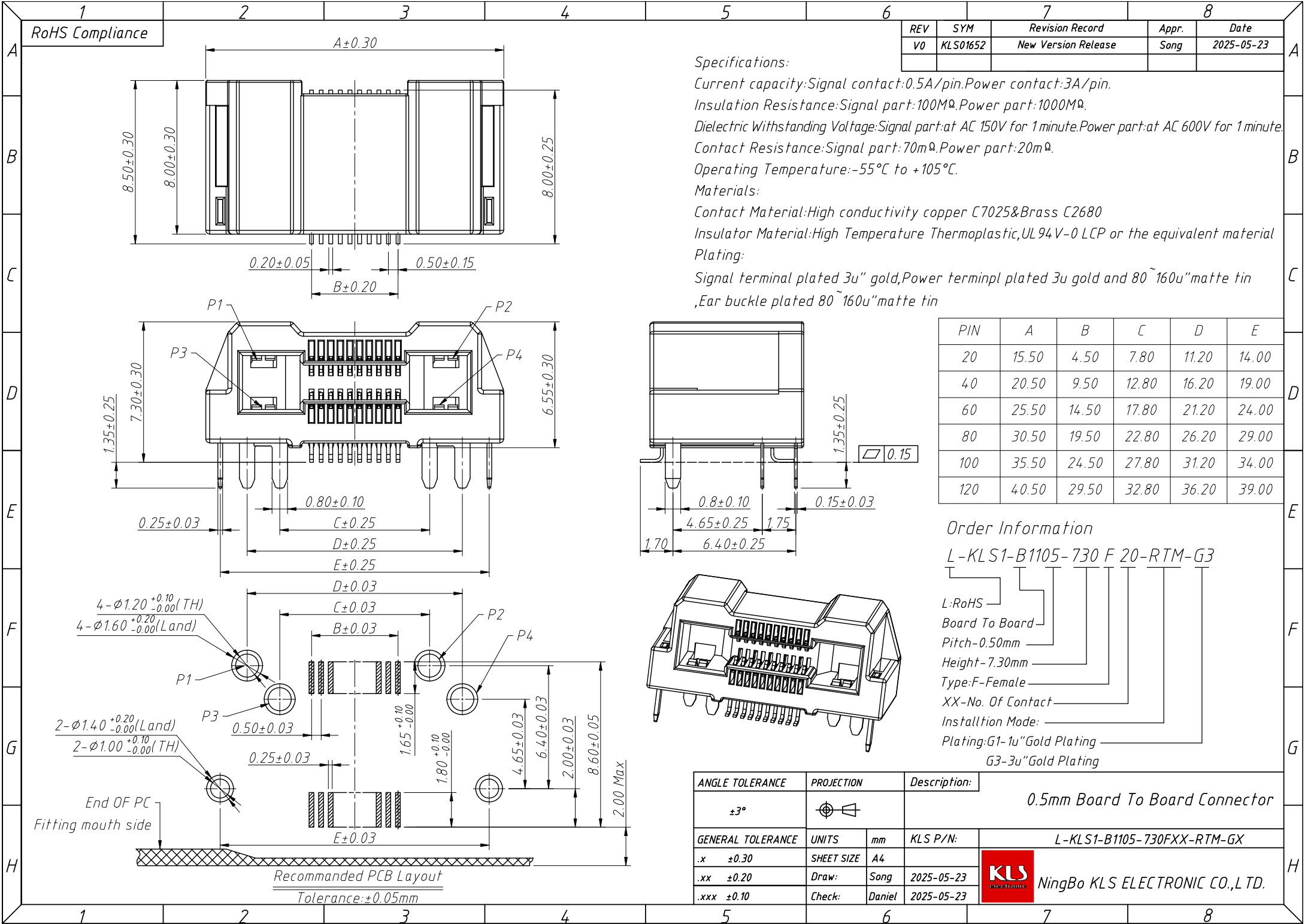




RoHS Compliance

REV	SYM	Revision Record	Appr.	Date
V0	KLS01652	New Version Release	Song	2025-05-23

Specifications:
Current capacity:Signal contact:0.5A/pin.Power contact:3A/pin.
Insulation Resistance:Signal part:100MΩ.Power part:1000MΩ.
Dielectric Withstanding Voltage:Signal part:at AC 150V for 1 minute.Power part:at AC 600V for 1 minute.
Contact Resistance:Signal part:70mΩ.Power part:20mΩ.
Operating Temperature:-55°C to +105°C.
Materials:
Contact Material:High conductivity copper C7025&Brass C2680
Insulator Material:High Temperature Thermoplastic,UL 94 V-0 LCP or the equivalent material
Plating:
Signal terminal plated 3u" gold,Power terminpl plated 3u gold and 80~160u"matte tin
,Ear buckle plated 80~160u"matte tin

PIN	A	B	C	D	E
20	15.50	4.50	7.80	11.20	14.00
40	20.50	9.50	12.80	16.20	19.00
60	25.50	14.50	17.80	21.20	24.00
80	30.50	19.50	22.80	26.20	29.00
100	35.50	24.50	27.80	31.20	34.00
120	40.50	29.50	32.80	36.20	39.00

Order Information

L-KLS1-B1105-730 F 20-RTM-G3

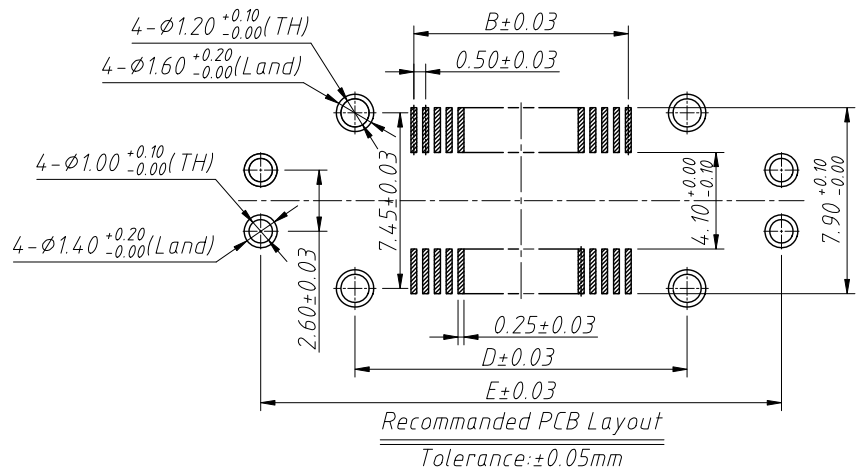
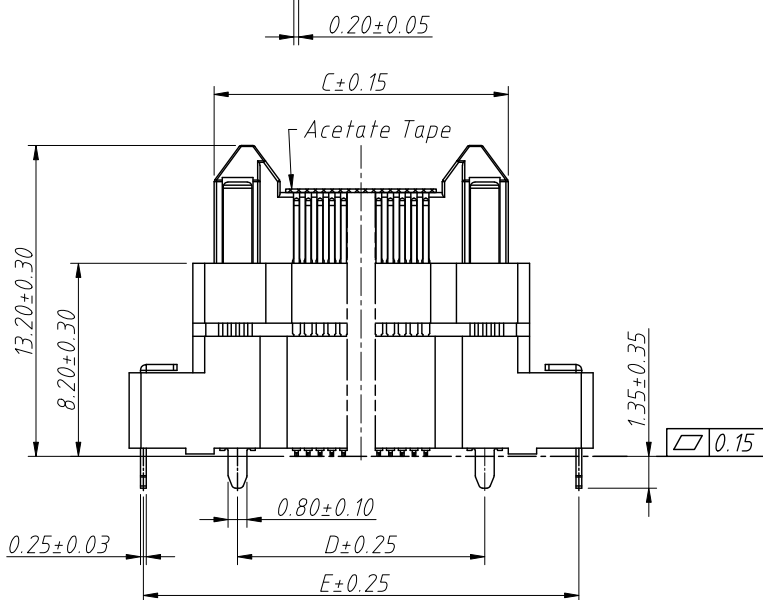
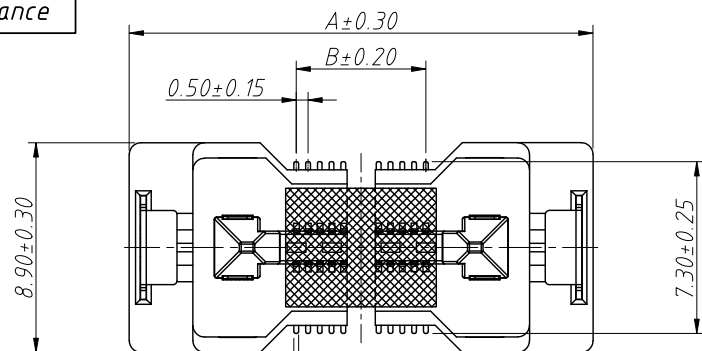
- L:RoHS
- Board To Board
- Pitch-0.50mm
- Height-7.30mm
- Type:F-Female
- XX-No. Of Contact
- Installation Mode:
- Plating:G1-1u"Gold Plating
- G3-3u"Gold Plating

ANGLE TOLERANCE	PROJECTION	Description:
±3°		0.5mm Board To Board Connector
GENERAL TOLERANCE	UNITS	mm
.x ±0.30	SHEET SIZE	A4
.xx ±0.20	Draw:	Song
.xxx ±0.10	Check:	Daniel

2025-05-23	2025-05-23
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KLS	NingBo KLS ELECTRONIC CO.,LTD.
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RoHS Compliance



Specifications:

Current capacity: Signal contact: 0.5A/pin. Power contact: 3A/pin.

Insulation Resistance: Signal part: 100MΩ. Power part: 1000MΩ.

Dielectric Withstanding Voltage: Signal part: at AC 150V for 1 minute. Power part: at AC 600V for 1 minute.

Contact Resistance: Signal part: 70mΩ. Power part: 20mΩ.

Operating Temperature: -55°C to +105°C.

Materials:

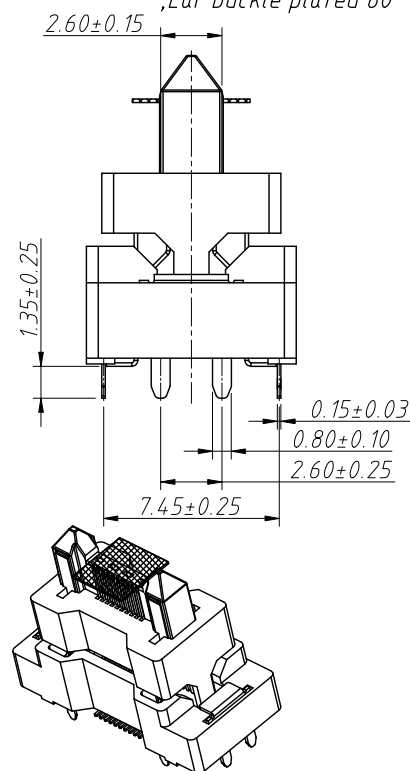
Contact Material: Copper Alloy

Insulator Material: High Temperature Thermoplastic, UL 94V-0 LCP or the equivalent material

Plating:

Signal terminal plated 3u" gold, Power terminpl plated 3u gold and 80~160u"matte tin

, Ear buckle plated 80~160u"matte tin



PIN	A	B	C	D	E	F
20	18.70	4.50	11.50	9.50	17.50	5.00
40	23.70	9.50	16.50	14.50	22.50	10.0
60	28.70	14.50	21.50	19.50	27.50	10.0
80	33.70	19.50	26.50	24.50	32.50	10.0
100	38.70	24.50	31.50	29.50	37.50	10.0
120	43.70	29.50	36.50	34.50	42.50	10.0

Order Information

L-KLS1-B1105-1320 M20-T R-G3

L: RoHS

Board To Board

Pitch-0.50mm

Height-13.2mm

Type-M-Male

XX-No. Of Contact

Installation Mode: T=SMD

Packing: R-Reel

Plating: G1-1u"Gold Plating G3-3u"Gold Plating

ANGLE TOLERANCE	PROJECTION	Description:
±3°		0.5mm Board To Board Connector
GENERAL TOLERANCE	UNITS	mm
.x ±0.30	SHEET SIZE	A4
.xx ±0.20	Draw:	Song
.xxx ±0.10	Check:	Daniel

KLS P/N:	L-KLS1-B1105-1320MXX-TR-GX
NingBo KLS ELECTRONIC CO.,LTD.	