

1
RoHS Compliance

2

3

4

5

6

7

8

REV	SYM	Revision Record	Appr.	Date
V0	KLS12006	New Version Release	Song	2023-09-01

Material:

Housing: PBT+Glass Filled Polyester

Flammability Rating : UL 94 V-0

Contacts: Phosphor Bronze $\phi 0.46\text{mm}$

Plating: Gold Plating

Shield: Brass, Tin Plating

Electrical:

Voltage Rating: 125VAC

Current Rating: 1.5A

Contact Resistance: $30\text{m}\Omega$ Max.

Insulation Resistance: $500\text{M}\Omega$ Min.

Dielectric Strength: 1000VAC Rms

50Hz, 1 Min.

Durability: 600 cycles Min.

Operation Temperature: $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$

Order Information

L-KLS12-108-8P8C- 1x1 -X- X/X-0-XX

RoHS

Contacts: 8P8C

Shield Code:

1-with Shield

2-with EMI Shield

3-TOP EMI Shield

LED Code: LEFT/RIGHT

G/Y-Green/Yellow Y/G-Yellow/Green

Y/Y- Green/Green

Plating Code:

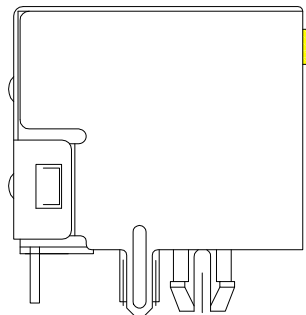
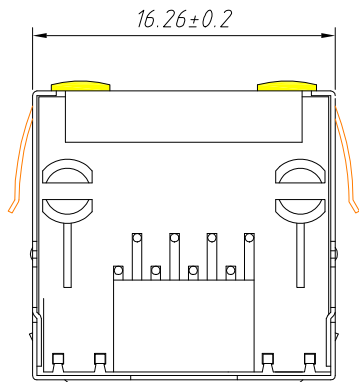
01-Fu" Gold Plating

02-3u" Gold Plating

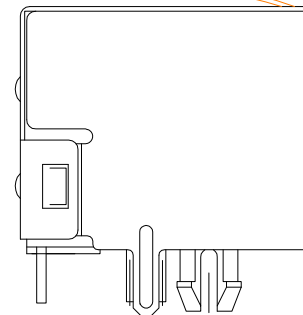
03-6u" Gold Plating

04-15u" Gold Plating

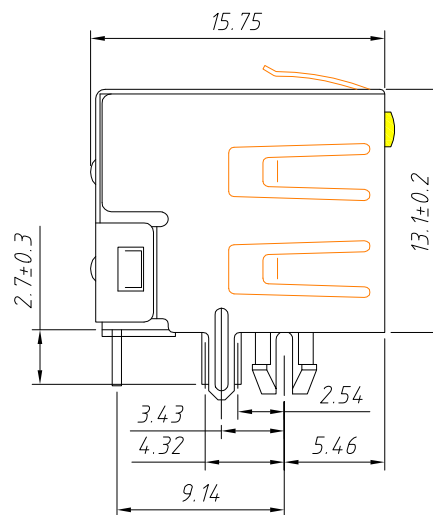
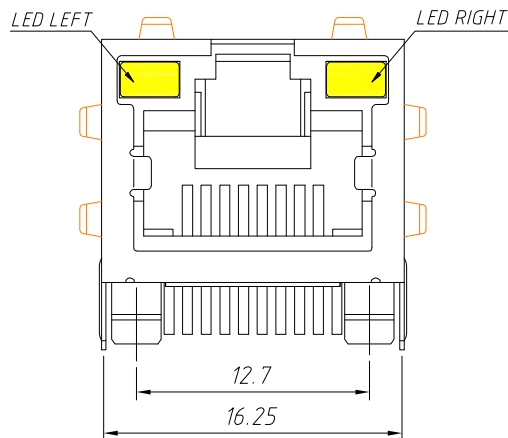
05-30u" Gold Plating



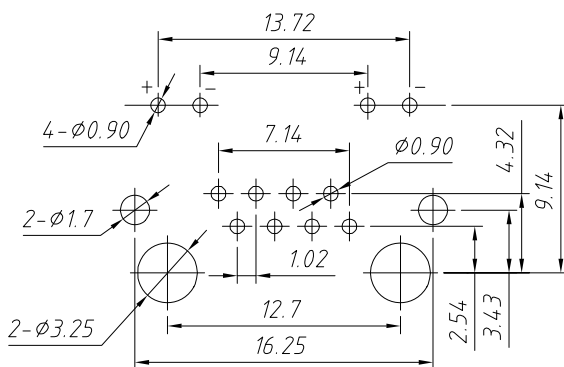
With Shield



TOP EMI Shield



With EMI Shield



PCB Layout

ANGLE TOLERANCE	PROJECTION	Description:	
$\pm 3^{\circ}$			Modular Jacks With LED, RJ45-8P8C1x1 With SHELL
GENERAL TOLERANCE	UNITS	mm	KLS P/N:
x ± 0.35	SHEET SIZE	A4	L-KLS12-108-8P8C-1x1-X-X/X-0-XX
x.x ± 0.30	Draw:	Daniel	2023-09-01
x.xx ± 0.25	Check:	Daniel	2023-09-01



NingBo KLS ELECTRONIC CO.,LTD.