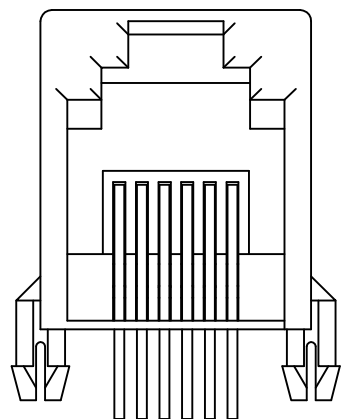
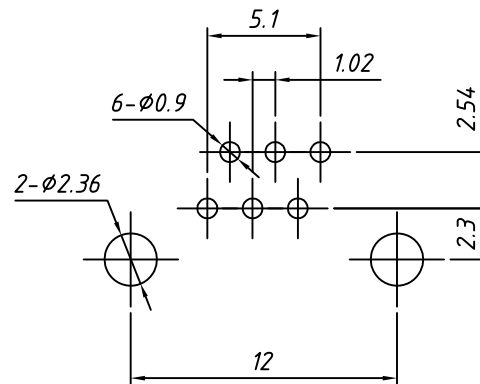
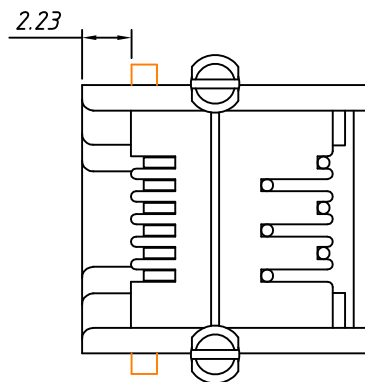




Without Panel



PCB Layout

Material:

Housing: PBT+Glass Filled Polyester

Flammability Rating: UL94V-0

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

Plating: Gold 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: $-40^{\circ}\text{C} \sim +70^{\circ}\text{C}$

Order Information

L-KLS12-124-6P6C-W-1-XX

RoHS

Contacts: 6P6C

Panel: W-With Panel

W/O-Without Panel

Color Code:

1-Black

2-Gray

Plating Code:

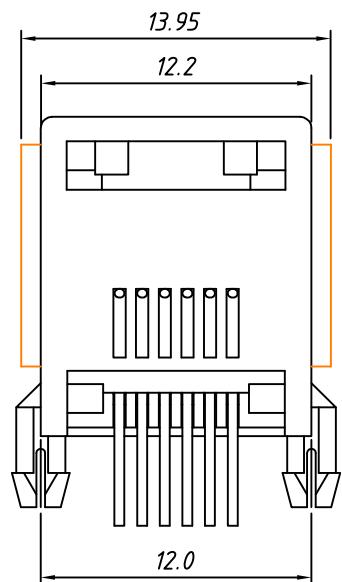
01-Fu" Gold Plating

02-3u" Gold Plating

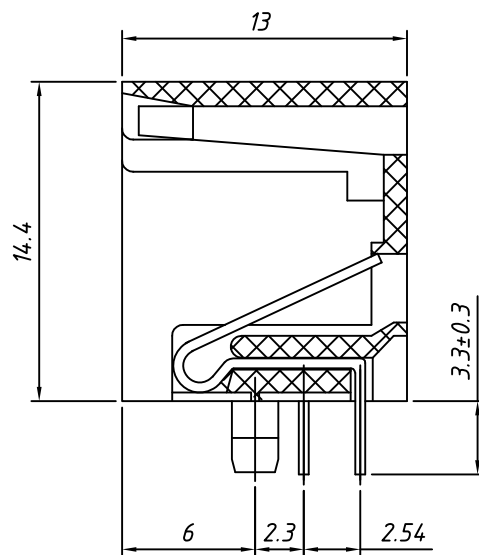
03-6u" Gold Plating

04-15u" Gold Plating

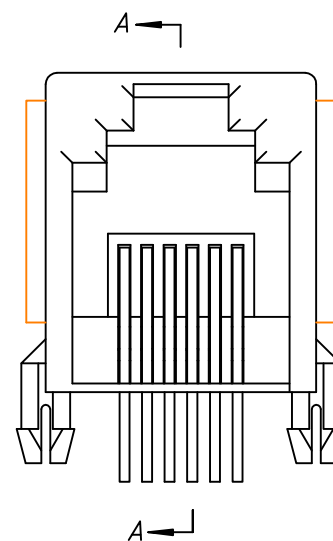
05-30u" Gold Plating



With Panel

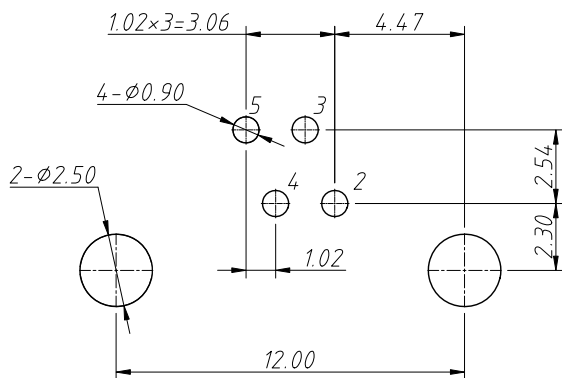


SECTION A-A

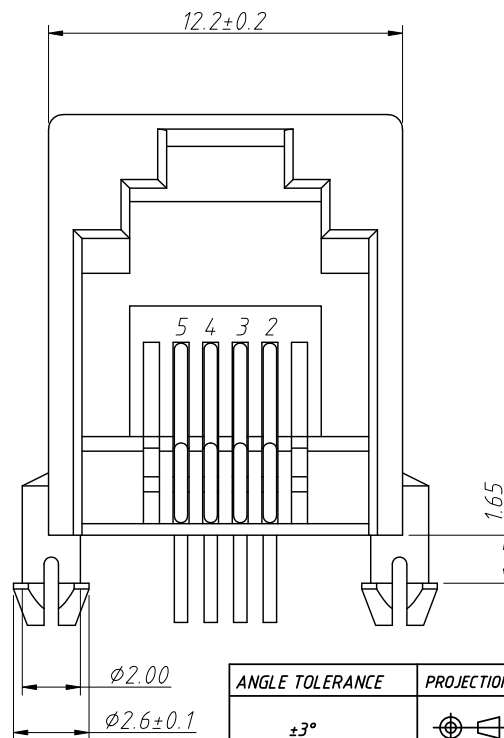
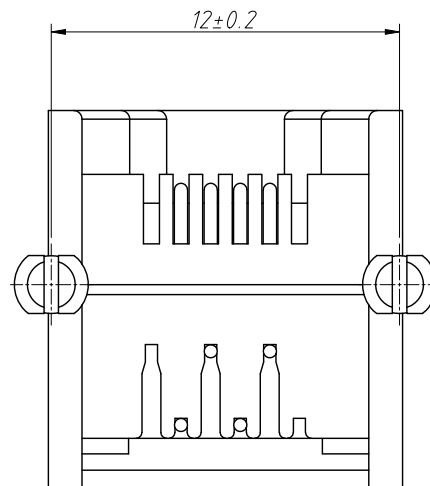
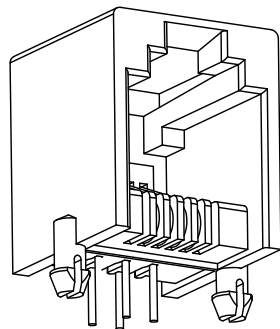


GENERAL TOLERANCE	PROJECTION		Description:
X. ± 0.30	UNITS	mm	RJ12-6P6C Modular jacks
.X ± 0.25	SCALE	1:1	
.XX ± 0.20	Draw by:	Jenny	
ANGLE TOLERANCE	Check by:	Daniel	 NingBo KLS ELECTRONIC CO.,LTD.
X. $\pm 3^{\circ}$	Date	2018-03-01	
.X $\pm 2^{\circ}$	SHEET	1 OF 1	
.XX $\pm 1^{\circ}$			

RoHS Compliance



Recommended PCB Layout
Tolerance:±0.05mm



Material:

Housing:PBT,UL 94 V-0 Black

Contact:Ø 0.46mm C51000(QSn4-0.3)Phosphor Bronze

Gold Plating Over Nickel

Electrical:

Voltage Rating:125 VAC

Current Rating:1.5A

Contact Resistance:30mΩ Max

Insulation Resistance:500MΩ Min @500VDC

Dielectric Strength:1000V AC 50Hz or 60Hz,1Min

Mating/Unmating Force:20 N Max

Retention Strength:50N pendant 60±5s

Operating Life:750 Cycles Min

Storage Temperature:-40℃~+85℃ Relative Humidity<70%

Operation Temperature:-40℃~+85℃

Order Information

L-KLS12-124-6P4C-W/O-1-01

RoHS

Contacts:6P4C

Color Code:1=Black

Plating Code:

01-Fu" Gold Plating 02-3u"Gold Plating

03-6u"Gold Plating 04-15u"Gold Plating

05-30u"Gold Plating

ANGLE TOLERANCE	PROJECTION	Description:	Modular Jack 55 Series,6P4C Without Panel	
±3°				
GENERAL TOLERANCE	UNITS	mm	KLS P/N:	L-KLS12-124-6P4C-W/O-1-XX
x.x ±0.30	SHEET SIZE	A4		
x.xx ±0.20	Draw:	Song	2025-06-17	NingBo KLS ELECTRONIC CO.,L TD.
x.xxx ±0.10	Check:	Daniel	2025-06-17	