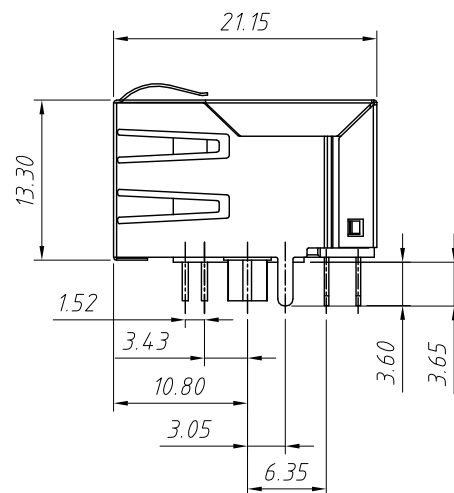
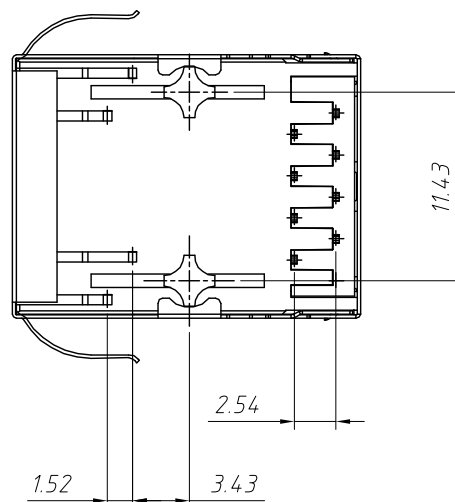




- 1.Housing Material: Glass Filled Polyester UL94V-0 PBT, Nylon
- 2.Housing Color: Black or others
- 3.Contact Material: Phosphor Bronze
- 4.Plating: Gold plating over nickel. Gold plating thickness 1.5u"/ 3u"/ 6u"/ 15u"/ 30u"/ 50u"
- 5.Shield: 0.23 Thickness Brass with nickel plated

1. Current Rating: 1.5 Amp
2. Voltage Rating: 125VAC
3. Contact Resistance: 30mΩ Max.
4. Insulation Resistance: 500MΩ Min. @ 500 VDC
5. Withstanding Voltage: 1000VAC RMS 50Hz 1 minute



L-KLS12-TL002-1x1-G/Y-1-XX

- Gold Plating
- Back Peg
- LED Style
- Ports
- Part Number
- RoHS

PCB Layout

GENERAL TOLERANCE	PROJECTION		Description:
X. ± 0.50	UNITS	mm	RJ45 Modular Jack with LED
.X ± 0.25	SCALE	1:1	
.XX ± 0.10	Draw by:	Jenny	
ANGLE TOLERANCE	Check by:		KLS P/N: L-KLS12-TL002
X. $\pm 5^\circ$	Date	2018-03-01	 NingBo KLS ELECTRONIC CO.,L TD.
.X $\pm 3^\circ$	SHEET	1 OF 1	
.XX $\pm 2^\circ$			

Electrical Schematic @ 25°C unless otherwise noted:

Insertion Loss: 1-100MHZ -1.0dB MAX

Return Loss: 1-30MHZ -16.0dB MIN

30-60MHZ -14.0dB MIN

60-80MHZ -10.0dB MIN

Cross Talk: 1-30MHZ -40.0dB MIN

30-60MHZ -35.0dB MIN

60-80MHZ -30.0dB MIN

CMR: 1M-100MHZ -35dB MIN

Hi-Pot: 1500v AC 6S 1mA

Turn Ratio: 1CT:1CT+/-3%

OCL:350uH MIN @ 100KHZ 100mV 8mA DC

Contacts: 0.35mm thick phos bronze plated with 6u'
gold in contact are

Housing Material:PBT Black

Operating temperature range:-40°C-+85°C

Order Information

Ports:

1x1-1 Ports

1x2-2 Ports

1x4-4 Ports

Back Peg:

1-Back Peg 3.05

2-Front Peg 3.05

3-Front Peg 3.68

LED Style:

G/Y - Green/Yellow

Y/G - Yellow/Green

R/G - Red/Green

G/R - Green/Red

G/G - Green/Green

Y/Y - Yellow/Yellow

0-Without LED

Gold Plating:

01-Fu"

02-3u"

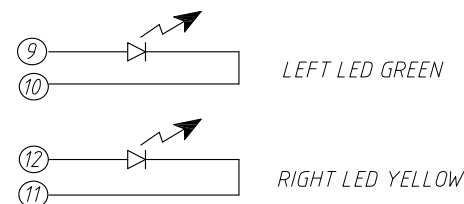
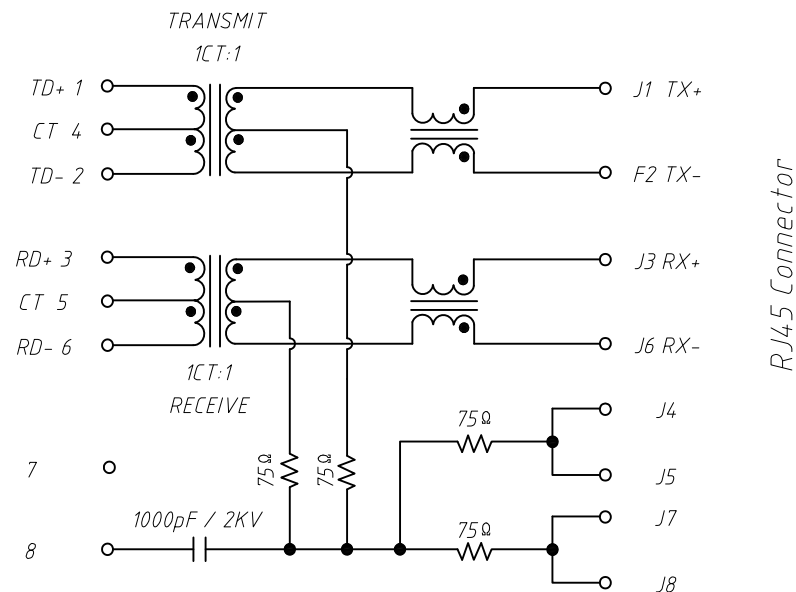
03-6u"

04-15u"

05-30u"

06-50u"

PC Board Connections



GENERAL TOLERANCE	PROJECTION		Description:
X. ±0.50	UNITS	mm	RJ45 Modular Jack with LED
.X ±0.25	SCALE	1:1	
.XX ±0.10	Draw by:	Jenny	
ANGLE TOLERANCE	Check by:		KLS P/N: L-KLS12-TL002
X. ±5°	Date	2018-03-01	 NingBo KLS ELECTRONIC CO.,L TD.
.X ±3°	SHEET	1 OF 1	
.XX ±2°			