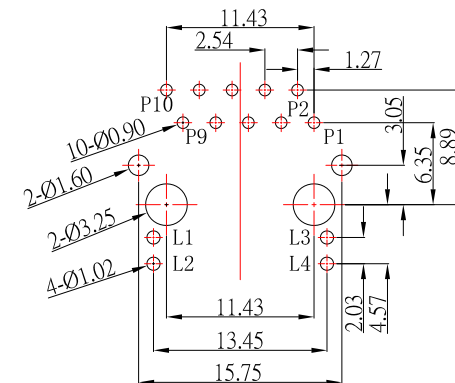
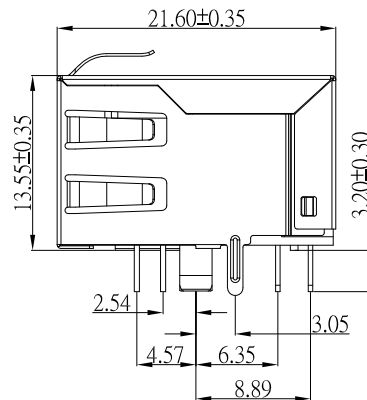
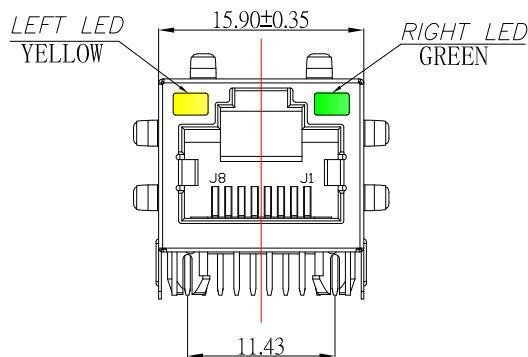


LED Specification

Emitting Color	λ_p (nm)	$V_f@I_f=20mA$
Green	565	1.8~2.5V
YELLOW	585	1.8~2.5V



PCB LAYOUT



Electrical Specification @25° C

INSERTION LOSS db max	Return Loss dB min				Crosstalk (db TYP) min			Common Mode Rejection (db TYP) min	Hipo(Vrms)
1-100MHz	1-30MHz	30-50MHz	60-80MHz		10MHz	30MHz	80MHz	1-100MHz	
-1.0	-18	-16	-12		-30	-30	-30	-30	2250V DC

Electrical Specification @25°C:

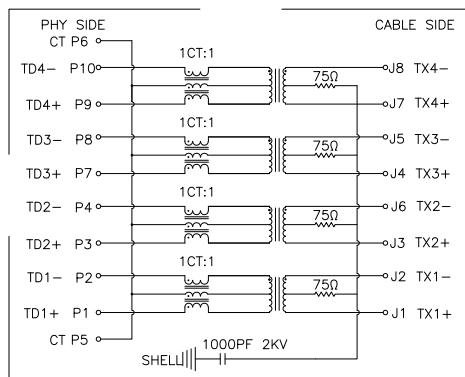
1. Inductance: 350uH Min With 8mA DC bias.

Material:

- 1.Housing : PA46,Black
- 2.Insert : PA46,Black
- 3.RJ45 Terminal : Phosphor Bronze, Gold Plating over Nickel
- 4.Tail Terminal : Brass, Tin Plating over Nickel
- 5.Shell : Brass , Nickel Plated

Environmental:

- 1.Operation Temperature : -40°C ~ +85°C
- 2.Storage Temperature : -40°C ~ +85°C



SCHEMATIC

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TOLERANCE UNLESS OTHERWISE STATED :

Up to 5 ±0.2
Above 5 ~ 15 ±0.3
Above 15 ~ 30 ±0.4
Above 30 ~ 50 ±0.5
Angle ±0.3°

3RD.
ANGEL'S



UNITS

MM

DRAWN BY: Jack Lu
CHECKED BY: Jacky Chen
APPROVED BY: Tony Kao
DATE: 06/11/26

MATL
FINISH
SCALE: 1 : 1
SHEET NO. 1 of 1
TITLE: RJ45
MODLE: RJ45+TRANSFORMER 100 1000 BASE WITH LED
DWG NO. MJ45-211Q25-YG-S307
PART NO. MJ45-211Q25-YG-S307
SIZE: A4
VER: R