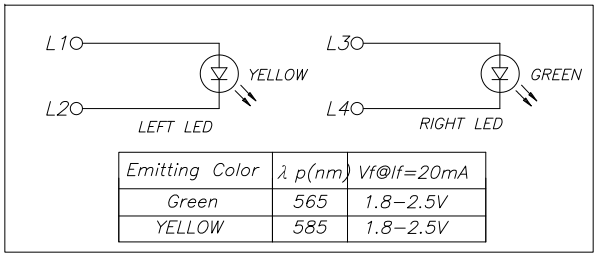
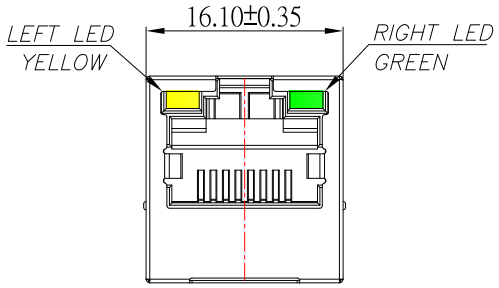
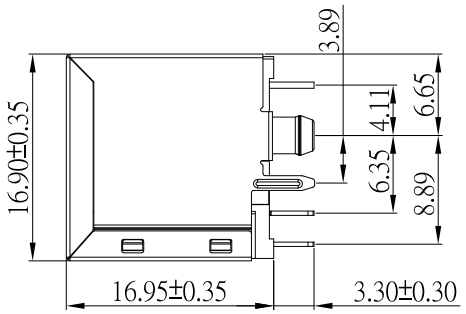
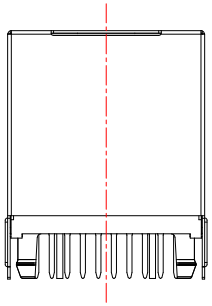
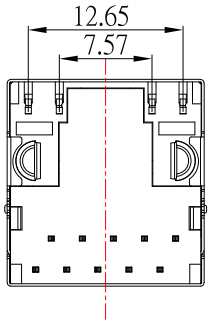


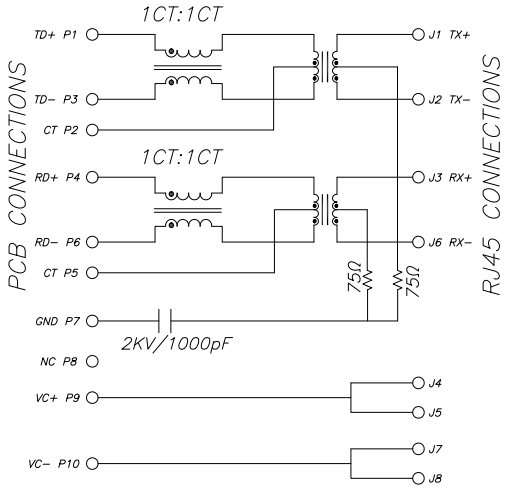
Emitting Color	λ p(nm)	Vf@If=20mA
Green	565	1.8–2.5V
YELLOW	585	1.8–2.5V



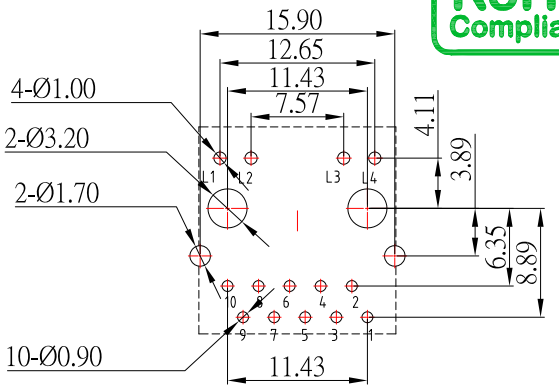








SCHEMATIC



PCB LAYOUT

ELECTRICAL SPECIFICATIONS AT 25℃

LNSERTION LOSS db max	Return Loss dB min			Crosstalk(db TYP)			Common Mode Rejection (dB TYP)		Hipot(vrms)
1-100MHz	1- 30MHz	30- 60MHz	60- 80MHz	1- 30MHz	30- 60MHz	60- 80MHz	1- 50MHz	50-150MHz	
-1.0	-18	-16	-12	-30	-30	-30	-30	-30	1500

SPECIFICATIONS:

Environmental:

1.Operation Temperature : -40˚C ~ +85˚C

2.Storage Temperature : -40˚C ~ +85˚C

MATERIAL:

1.Housing : PBT,Black

2.Contact : Phosphor Brzonze , Gold Plating over Nickel

3.Tail Terminal : Brass , Tin Plating over Nickel

4.Shield : Brass , Nickel Plated

5.Insert : PBT,Black

ITEM NO.	DESCRIPTION	DRAWN	DATE

CONTACT 建倚科技股份有限公司
CONTACT TECHNOLOGY CORP.

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

		DATE
DRAWN BY:	Jack Lu	12/24/25
CHECKED BY:	Jacky Chen	12/24/25
APPROVED BY:	Tony Kao	12/24/25

MAT'L		TITLE	RJ45
FINISH		MODLE	180度直插型RJ45+TRANSFORMER 10 100 POE++ WITH LED
SCALE	1 : 1	DWG NO.	MJ45-511B182-YG-S307
SHEET NO.	1 of 1	PART NO.	MJ45-511B182-YG-S307

SIZE A4 | VER R