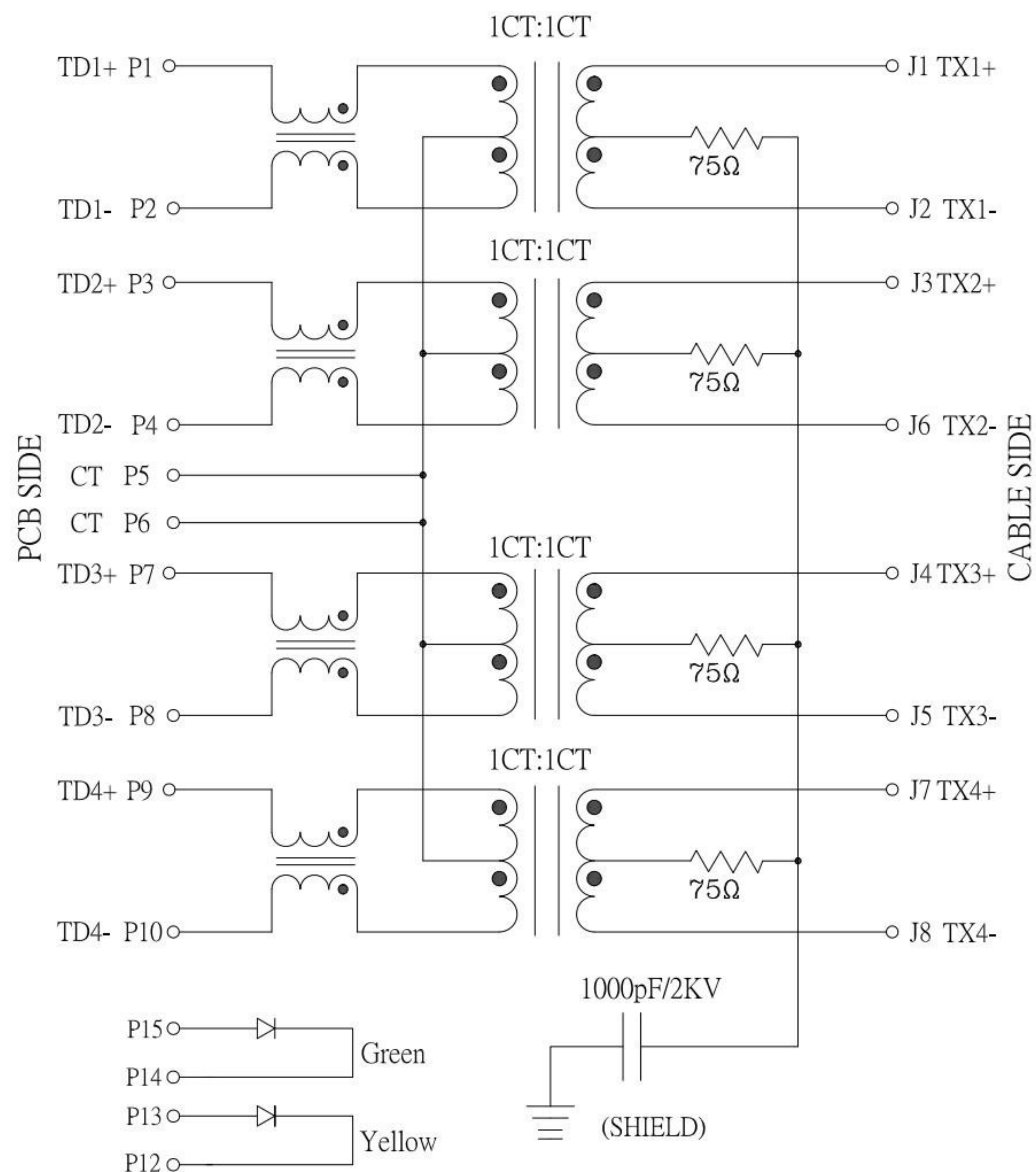




Schematic



PARAMETER	SPECIFICATIONS
OPERATING TEMPERATURE	0°C To +70°C
TURNS RATIO	1:1±2%
INDUCTANCE(OCL)	350uH MIN@100KHz/100mV With 8mA DC Bias
INSERTION LOSS	-1.0dB MAX@0.3MHz-100MHz;
RETURN LOSS (Z out=100 OHM)	-18dB MIN@1MHz-30MHz; -13dB MIN@30MHz-60MHz; -10dB MIN@60MHz-100MHz;
CROSSTALK (ADJACENT CHANNELS)	-30dB MIN@1-100MHz;
COMMON MODE REJECTION RATIO	-30dB MIN@1-100MHz;
DC CURRENT/VOLTAGE RATING-PSE PINS	0.1A MAXIMUM@48VDC(CONTINUOUS)
HI-POT	2250 VDC@60 SECONDS

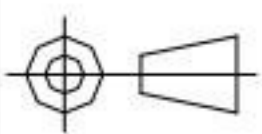
LED SPECIFICATION			
STANDARD LED	WAVELENGTH	Farward V(max)	TYP
GREEN	565nm	2.4V	2.2V
YELLOW	590nm	2.5V	2.1V

*WITH A FORWARD CURRENT OF 20mA

KSD 科斯达电子科技有限公司
SWITCH CONNECTOR 全球互联网组件制造企业
KSD ELECTRONIC TECHNOLOGY Co., LTD

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°

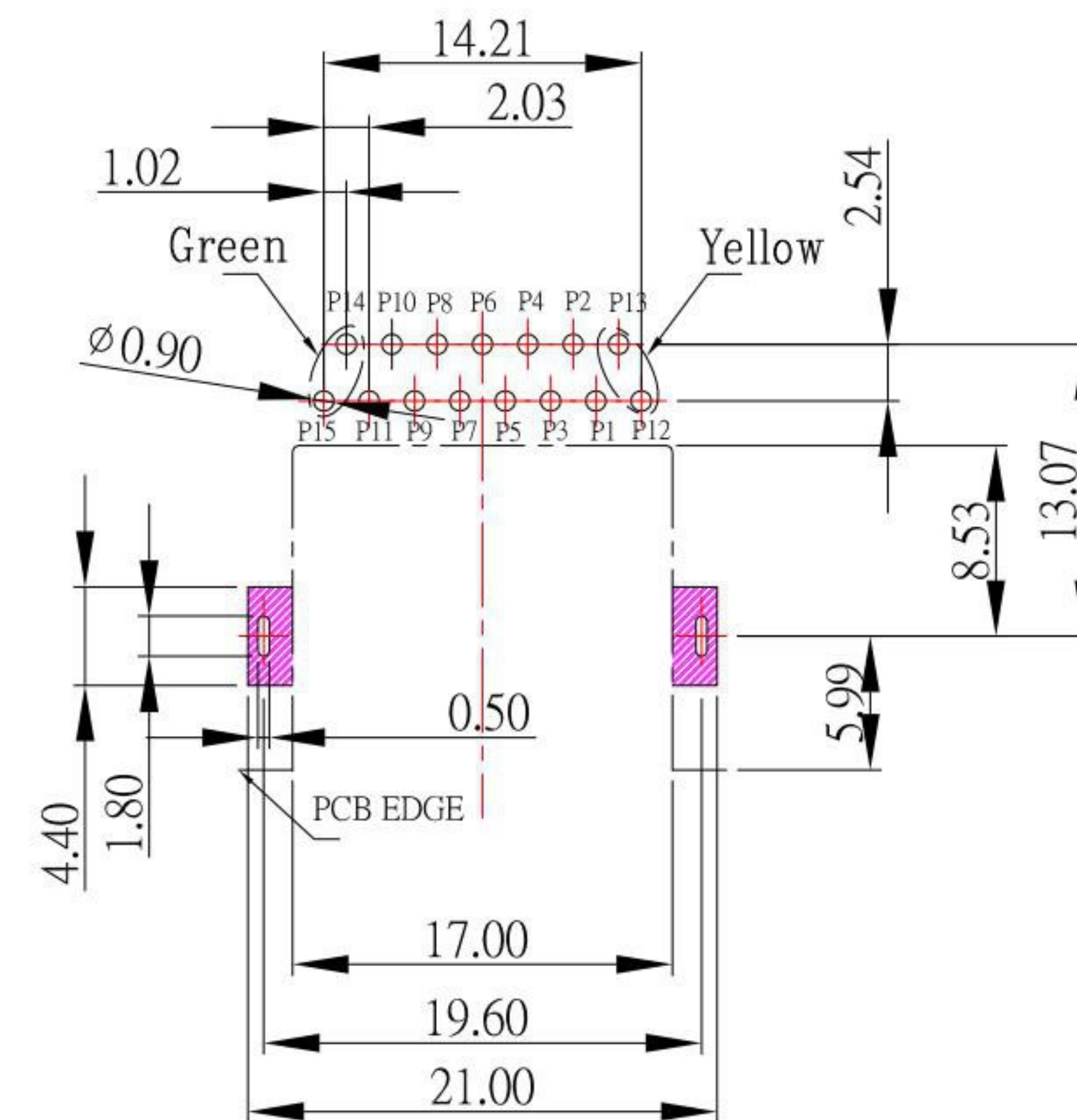
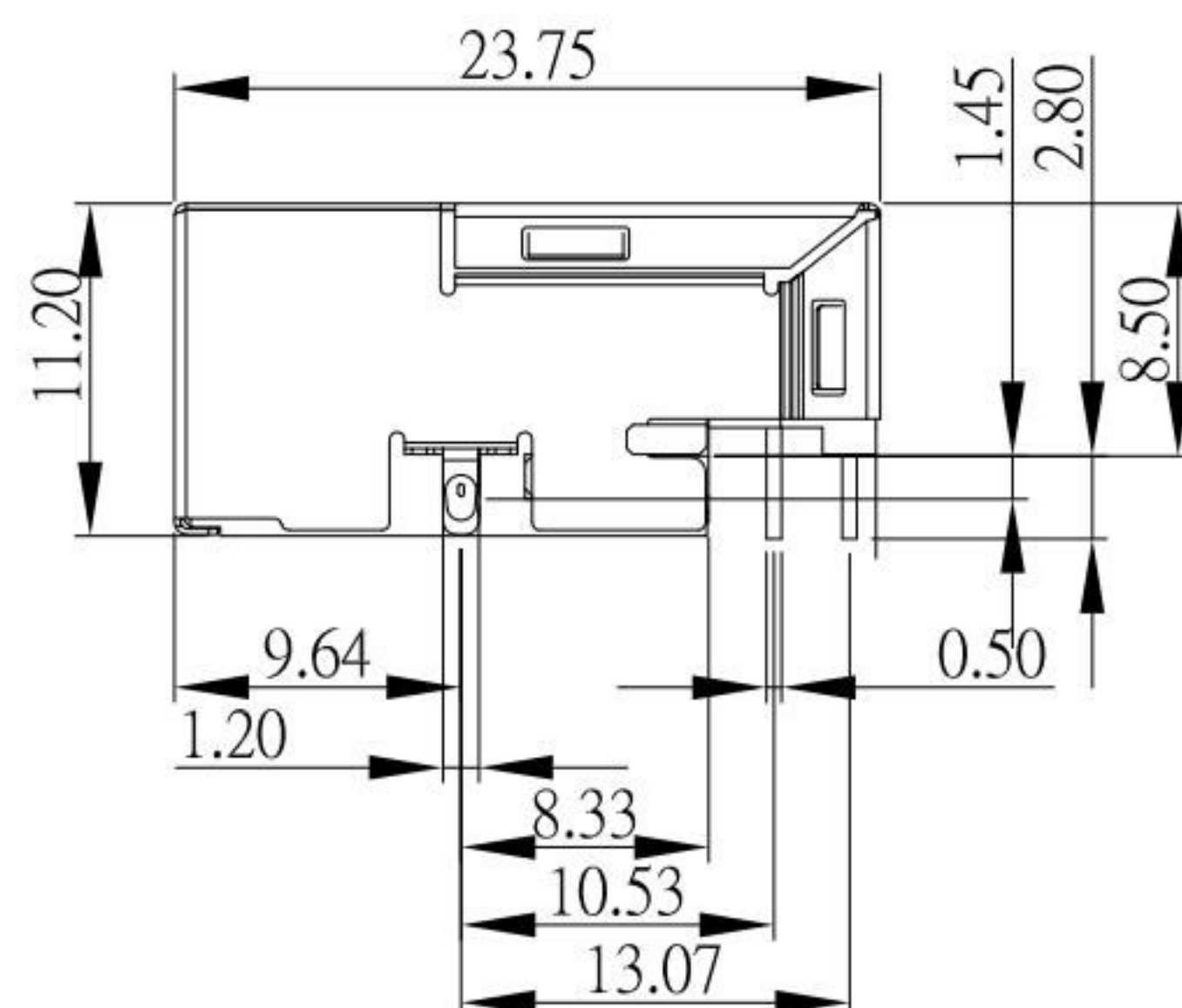
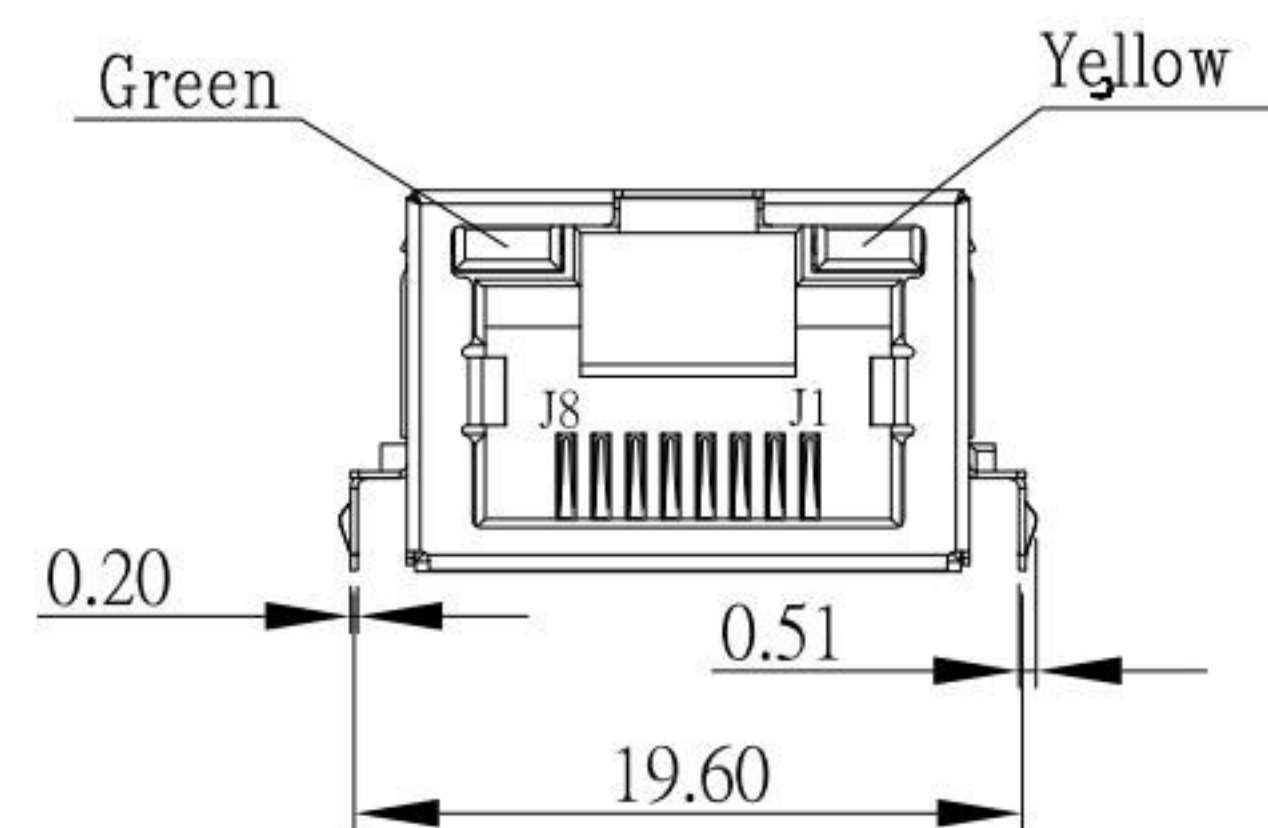
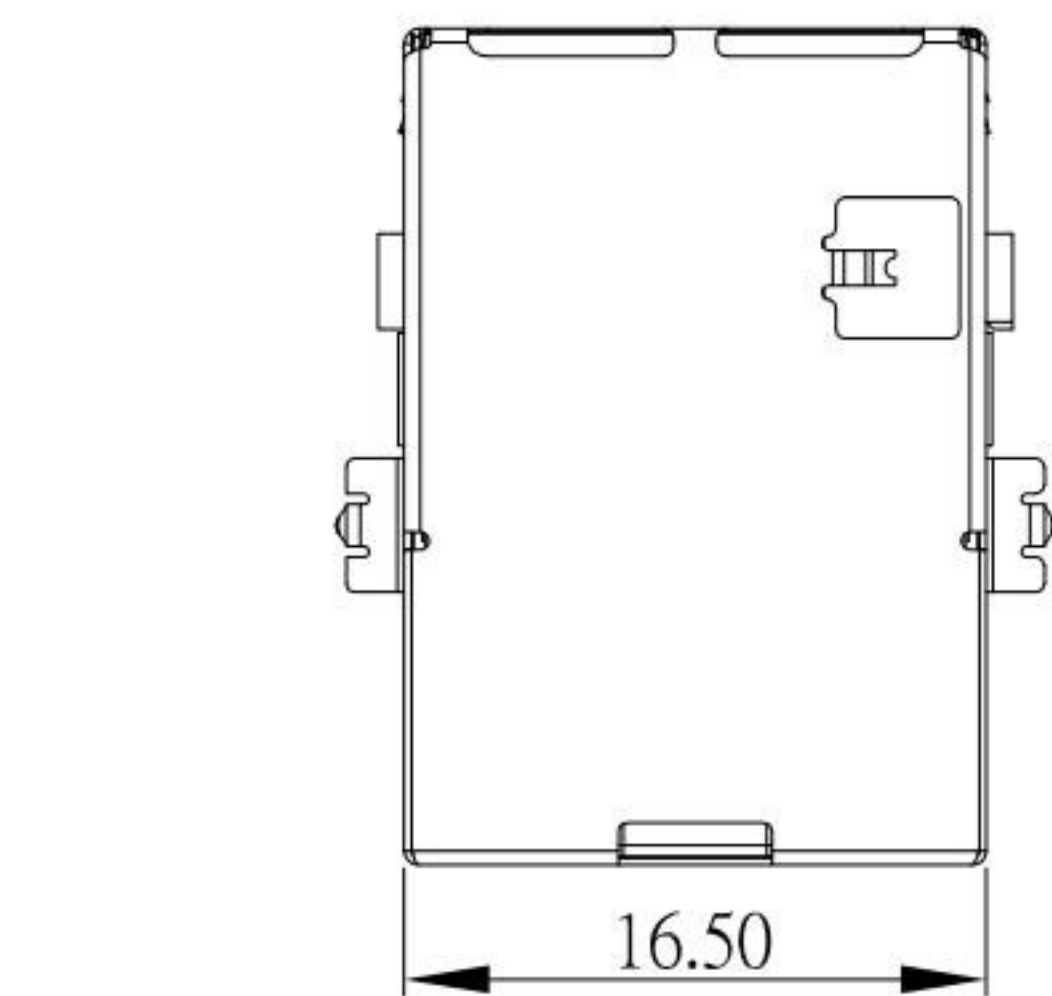
3RD.
ANGEL'S



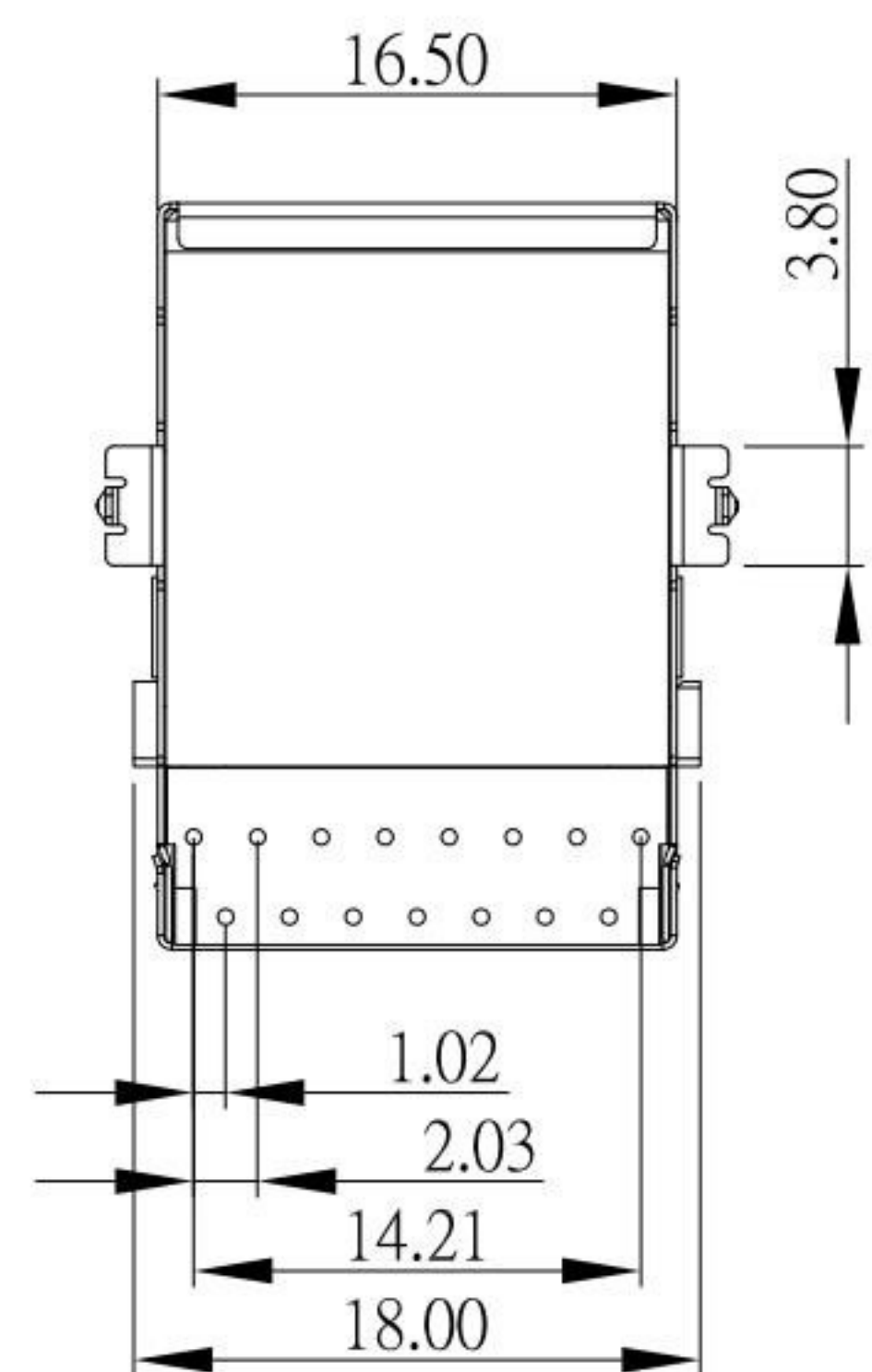
UNITS

MM

DRAWN BY:	DATE	MAT'L	TITLE	RJ45
Jack Lu	07/27/20			
CHECKED BY:	DATE	FINISH	MODLE	RJ45 1x1 Tab_UP Through Hole 1000Base-T W/LED
Jacky Chen	07/27/20			
APPROVED BY:	DATE	SCALE	DWG NO.	MJ45-1S844-GY-S118
Tony Kao	07/27/20	1:1		
		SHEET NO.	PART NO.	MJ45-1S844-GY-S118
		2 of 2		



RECOMMENDED P.C.B LAYOUT
TOP VIEW (COMPONENT SIDE)



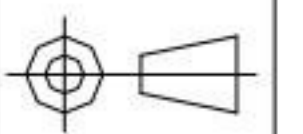
MATERIALS

- 1.HOUSING: LCP
- 2.RJ CONTACT: PHOSPHOR BRONZE PLATING OVER NICKEL
- 3.SHIELD: BRASS.
- 4.JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS PART 68 SUBPART F
- 5.THE PART IS RECOMMENDED FOR WAVE SOLDERING PROCESS PEAK SOLDERING TEMPERATURE IS 260°C MAX,10 SECS MAX.
- 6.OPERATING TEMPERATURE:0°C TO +70°C.
STORAGE TEMPERATURE:-40°C TO +85°C.

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TOLERANCE UNLESS OTHERWISE STATED:
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Above 15 ~ 30 ±0.4
Above 30 ~ 50 ±0.5
Angle ±0.3°

3RD. ANGEL'S



UNITS

MM

DRAWN BY:	DATE	MAT'L	TITLE	RJ45
Jack Lu	07/27/20			
CHECKED BY:	DATE	FINISH	MODLE	RJ45 1x1 Tab_UP Through Hole 1000Base-T W/LED
Jacky Chen	07/27/20			
APPROVED BY:	DATE	SCALE	DWG NO.	MJ45-1S844-GY-S118
Tony Kao	07/27/20	1 : 1	PART NO.	MJ45-1S844-GY-S118
		SHEET NO.	1 of 2	SIZE A4
				VER R2

2	更新外型樣式	Jack	072720
1	更新MODLE	Jack	050819
ITEM NO.	DESCRIPTION	DRAWN	DATE