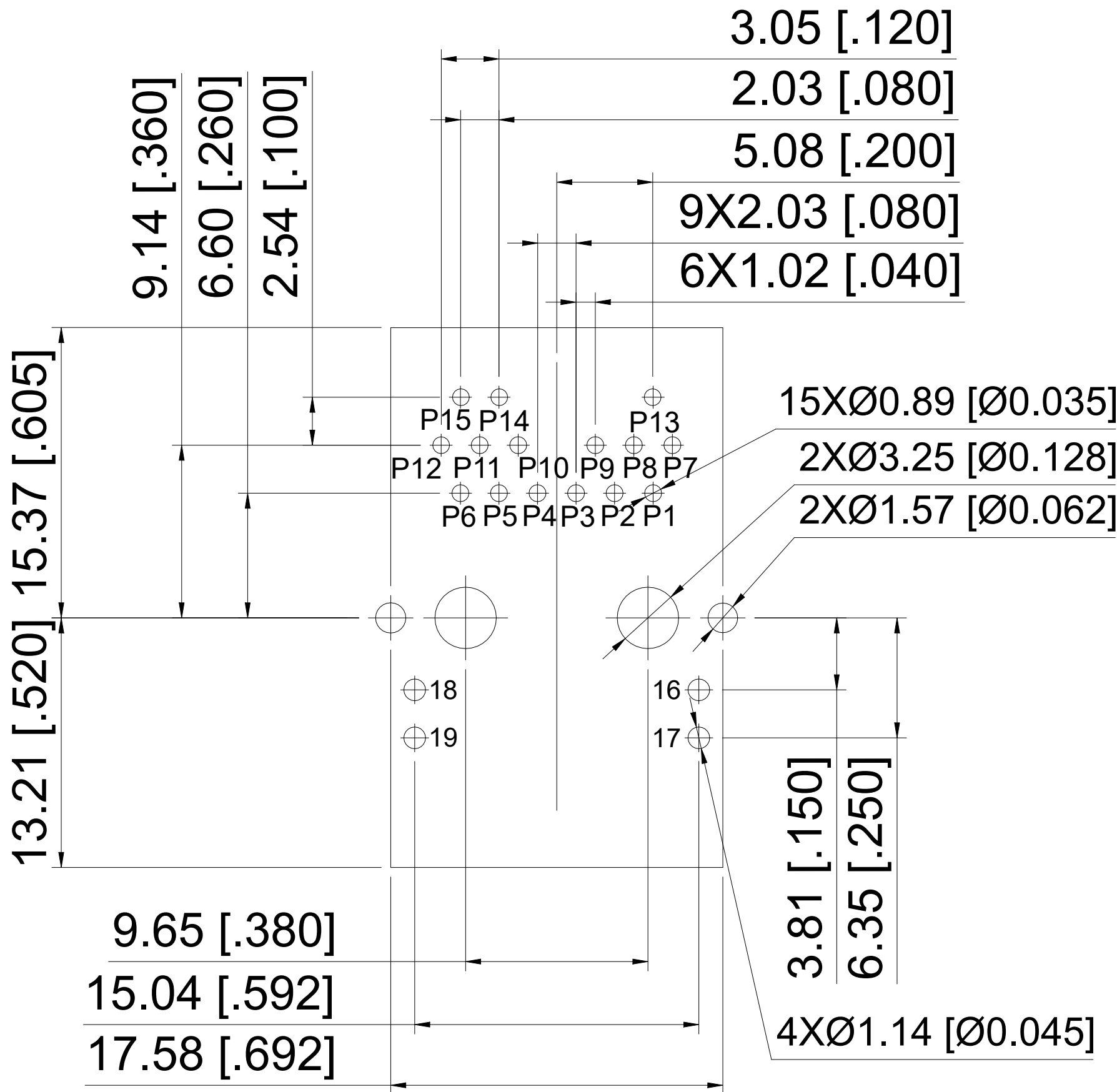
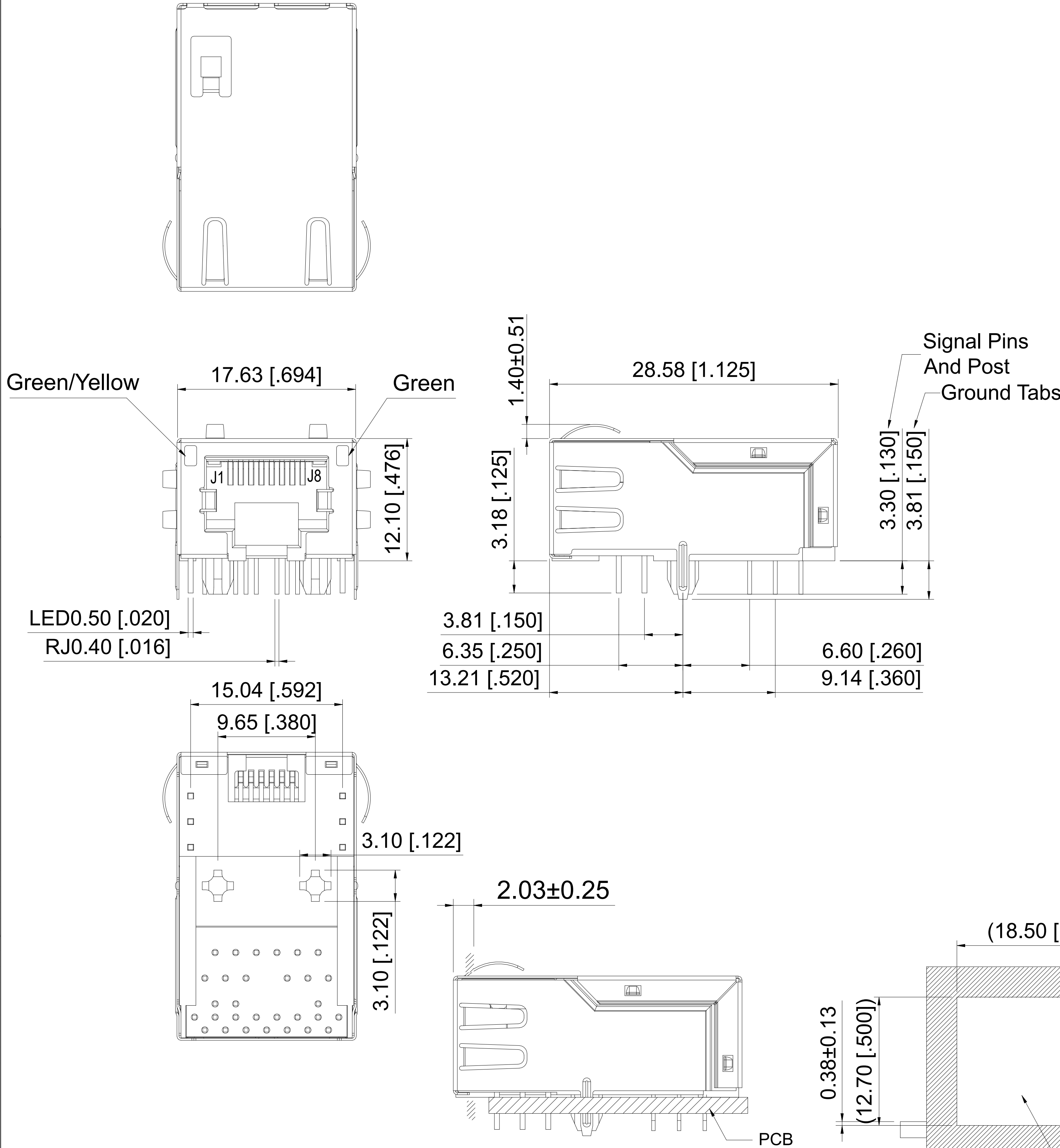


REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
A		INITIAL RELEASE	11JUL2024	RK	PSS

NOTES

- 1.HOUSING MATERIAL:GLASS FILLED PA46(BLACK) UL94V-0(ROHS)
- 2.CONTACT:PHOSPHOR BRONZE.50 MICROINCHES MIN. OVERALL DUCTILE NICKEL UNDERPLATEWITH SELECTED (REFER P/N TABLE) MICROINCHES GOLD AT MATING INTERFACE
- 3.SHIELD:0.2mm THICKNESS WITH 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 265±5°C ,10 SECS.
- 6.OPERATING TEMPERATURE:0°C TO +70°C.
STORAGE TEMPERATURE:-40°C TO +85°C.



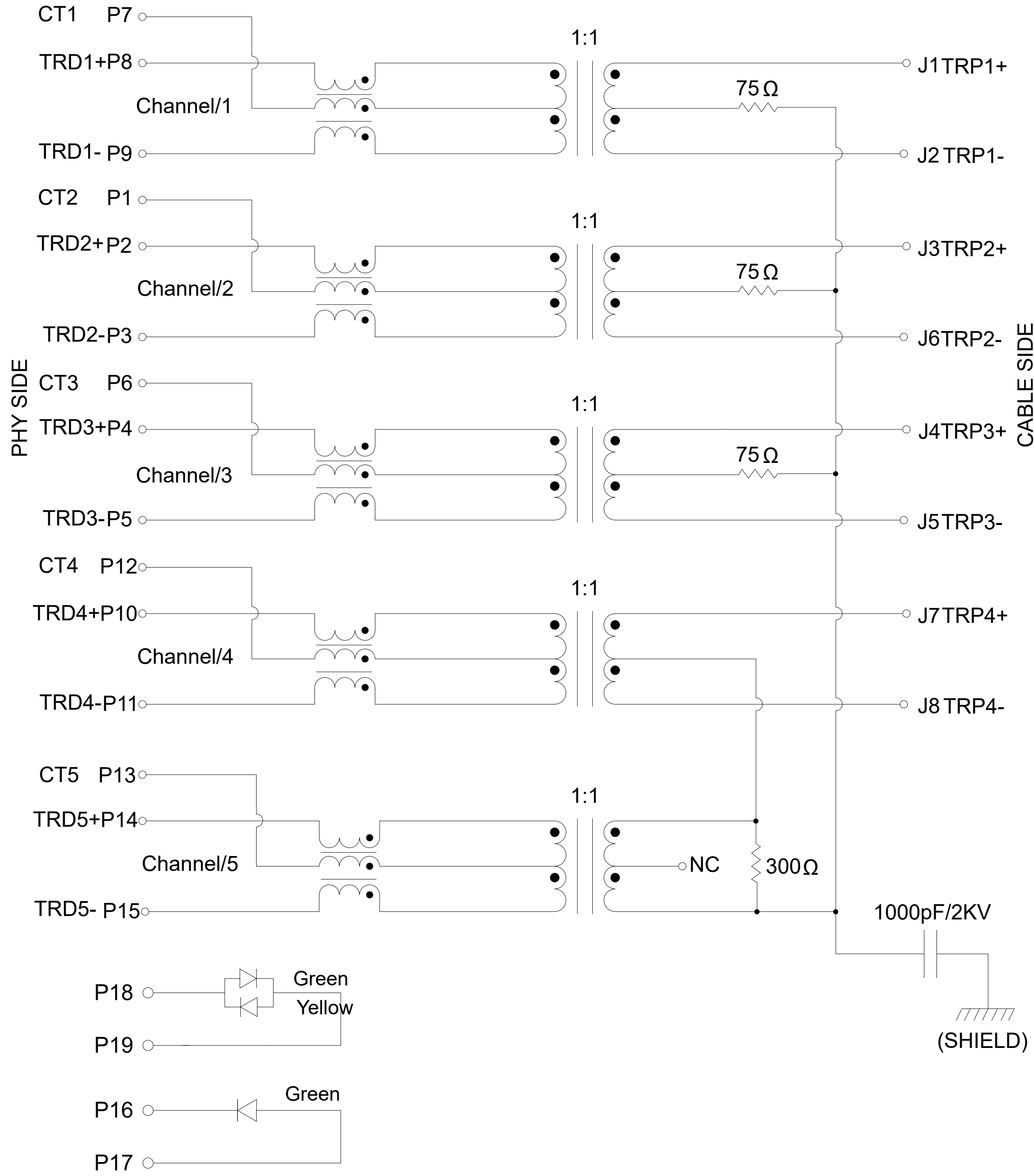
RECOMMENDED P.C.B LAYOUT
TOP VIEW (COMPONENT SIDE)

Dimensions Tolerance:
All PCB LAYOUT
Tolerances:±0.05[.002]

0.04572 µm [1.8µ"]	2489048-6
0.0762 µm [3µ"]	2489048-5
0.1524 µm [6µ"]	2489048-4
0.381 µm [15µ"]	2489048-3
0.762 µm [30µ"]	2489048-2
1.27 µm [50µ"]	2489048-1
GOLD PLATING THICKNESS	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN RAMESH KIVADER 11JUN2024	TE Connectivity	
DIMENSIONS: mm [INCHES]		CHK RAMESH KIVADER 11JUN2024		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD P.S. SATHISH 11JUN2024	NAME RJ45 1X1 Tab_ Down/Through Hole 10G Base-T W/LED	
0. PLC ± 0.1 1. PLC ± 0.25 2. PLC ± 0.25 3. PLC ± 0.25 4. PLC ± 0.25 ANGLES ± 0.25		APPLICATION SPEC	SIZE A1	
MATERIAL		WEIGHT 0	CAGE CODE 00779	
FINISH		RESTRICTED TO	DRAWING NO 2489048	
CUSTOMER DRAWING		SCALE 1:1	SHEET 1 OF 2	
		REV A		

Schematic



PARAMETER	SPECIFICATIONS
OPERATING TEMPERATURE	0°C To +70°C
URNS RATIO	1:1±2%
INDUCTANCE(OCL)	120uH MIN@100KHz/100mV With 8mA DC Bias
INSERTION LOSS	-3.0dBMAX@1-500MHz;
RETURN LOSS	-22dBMIN@1-100MHz; -22+20.75xLOG(f/100)dBMIN@100-500MHz;
CROSSTALK (ADJACENT CHANNELS)	-28dBMIN@1-100MHz; -19dBMIN@100-500MHz;
COMMON MODE REJECTION RATIO	-30dBMIN@1-100MHz; -20dBMIN@100-500MHz;
COMMON MODE TO DIFFERENTIAL MODE ATTENUATION	-30dBMIN@1-250MHz; -22dBMIN@250-500MHz;
HI-POT	2250VDC@60 SECONDS(Channel1/2/3/4)

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

Mouser Electronics

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Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[2489048-1](#)