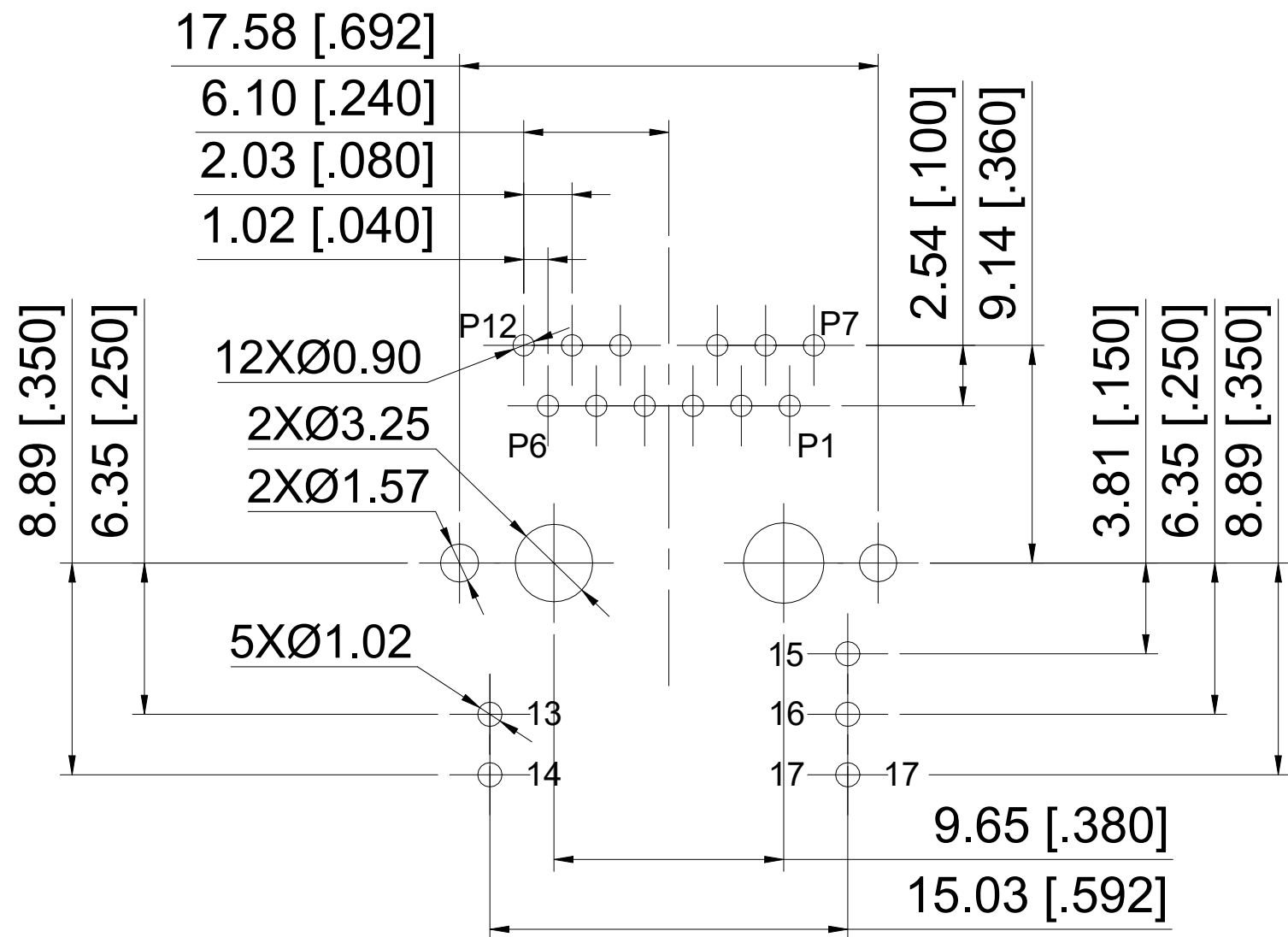
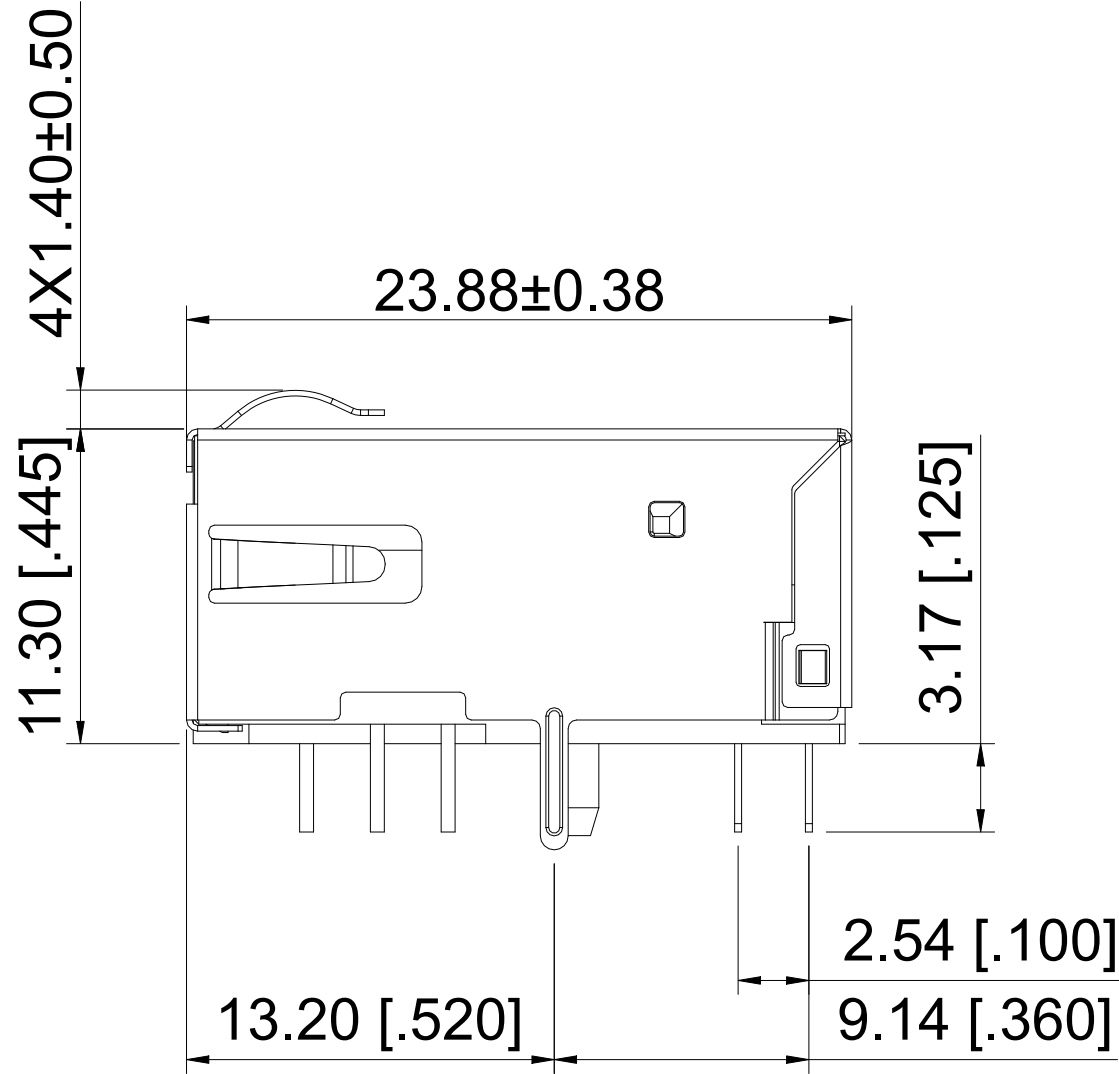
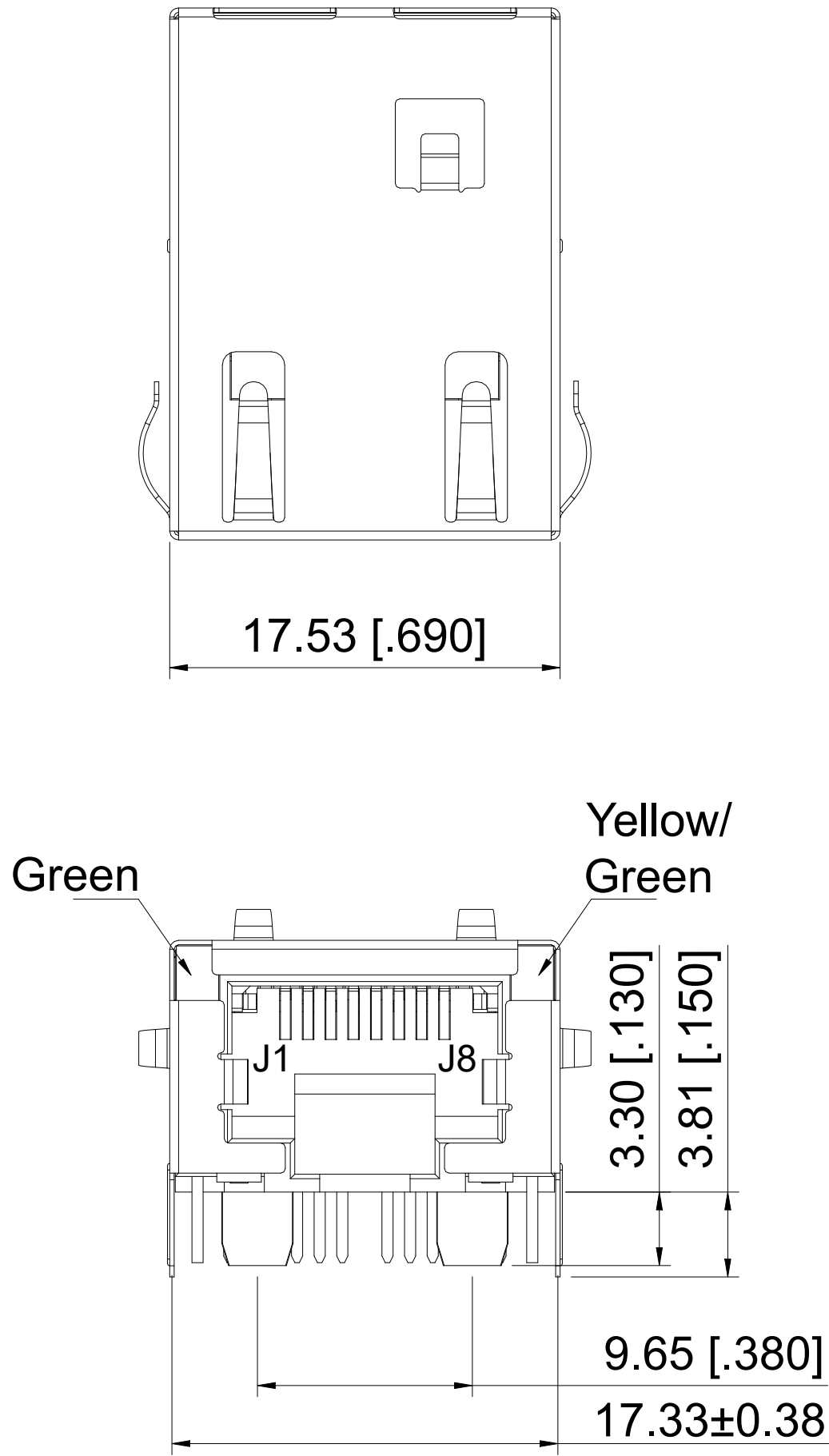


REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
A		INITIAL RELEASE	11JUL2024	RK	PSS

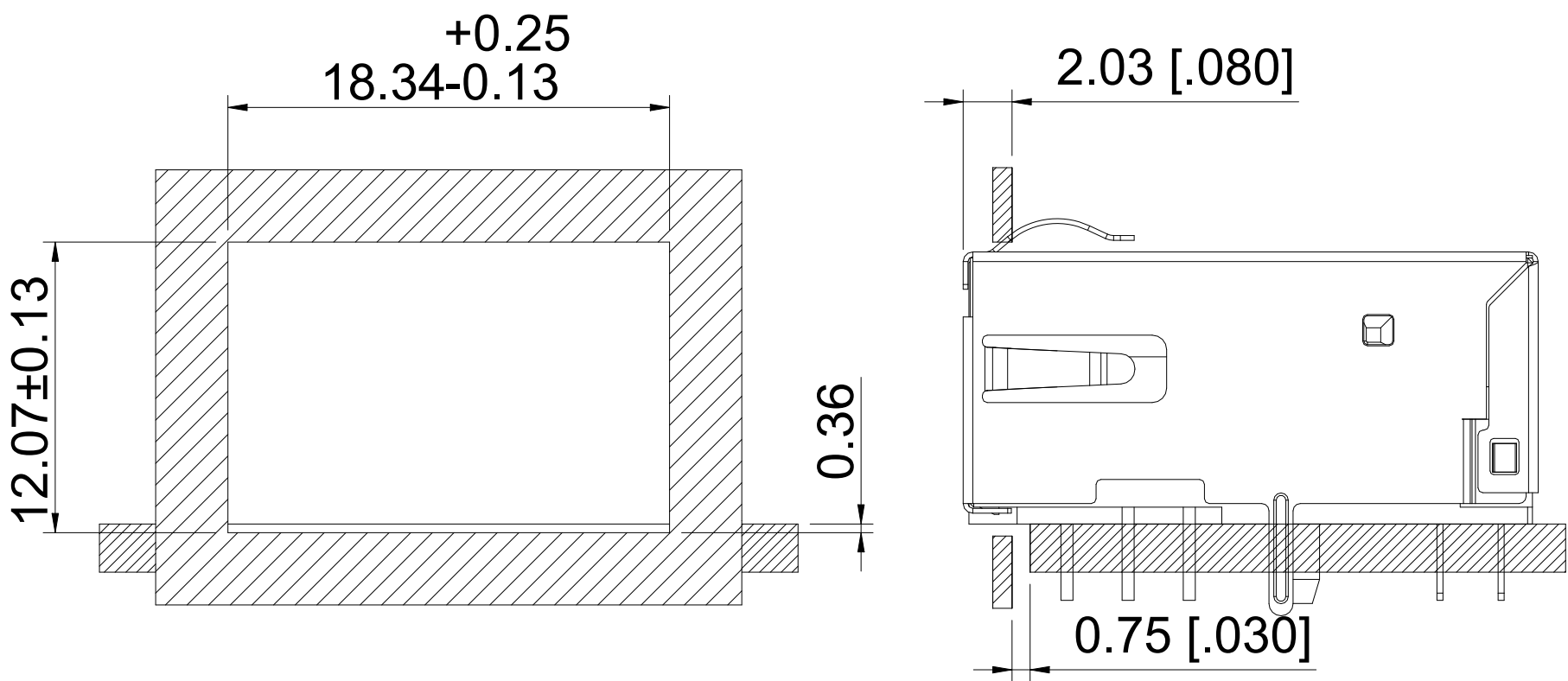
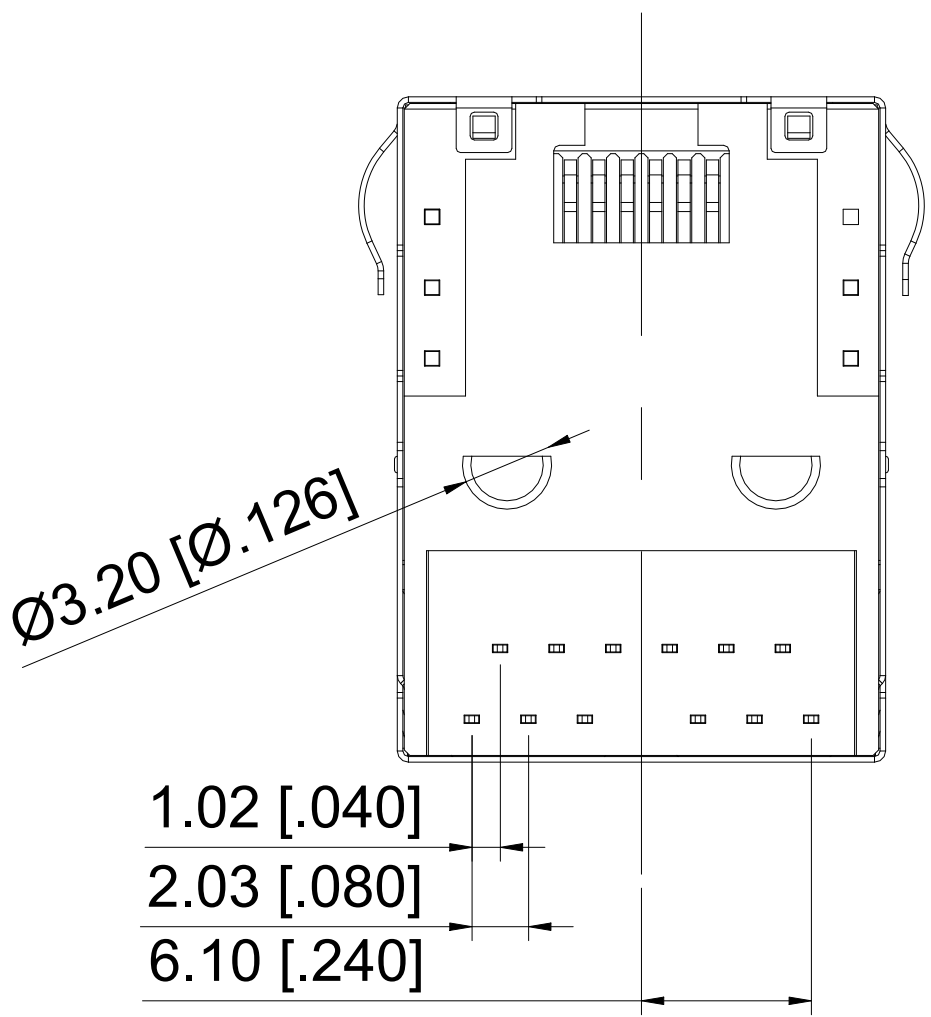
NOTES:

- 1.HOUSING MATERIAL:GLASS FILLED PA46(BLACK) UL94V-0(ROHS)
- 2.CONTACT: PHOSPHOR BRONZE,50 MICROINCHES MIN. OVERALL DUCTILE NICKEL UNDERPLATE WITH SELECTED (REFER P/N TABLE) MICROINCHES GOLD AT MATING INTERFA
- 3.SHIELD:0.2mm THICKNESS WITH BRASS.
- 4.JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS PART 68 SUBPART F
- 5.THE PART IS RECOMMENDDDED FOR WAVE SOLDERING PROCESS PEAK SOLDERING TEMPERATURE IS 260°C MAX,10 SECS MAX.
- 6.OPERATING TEMPERATURE:0°C TO +70°C.
STORAGE TEMPERATURE:-20°C TO +125°C.

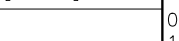


RECOMMENDED P.C.B LAYOUT
TOP VIEW (COMPONENT SIDE)

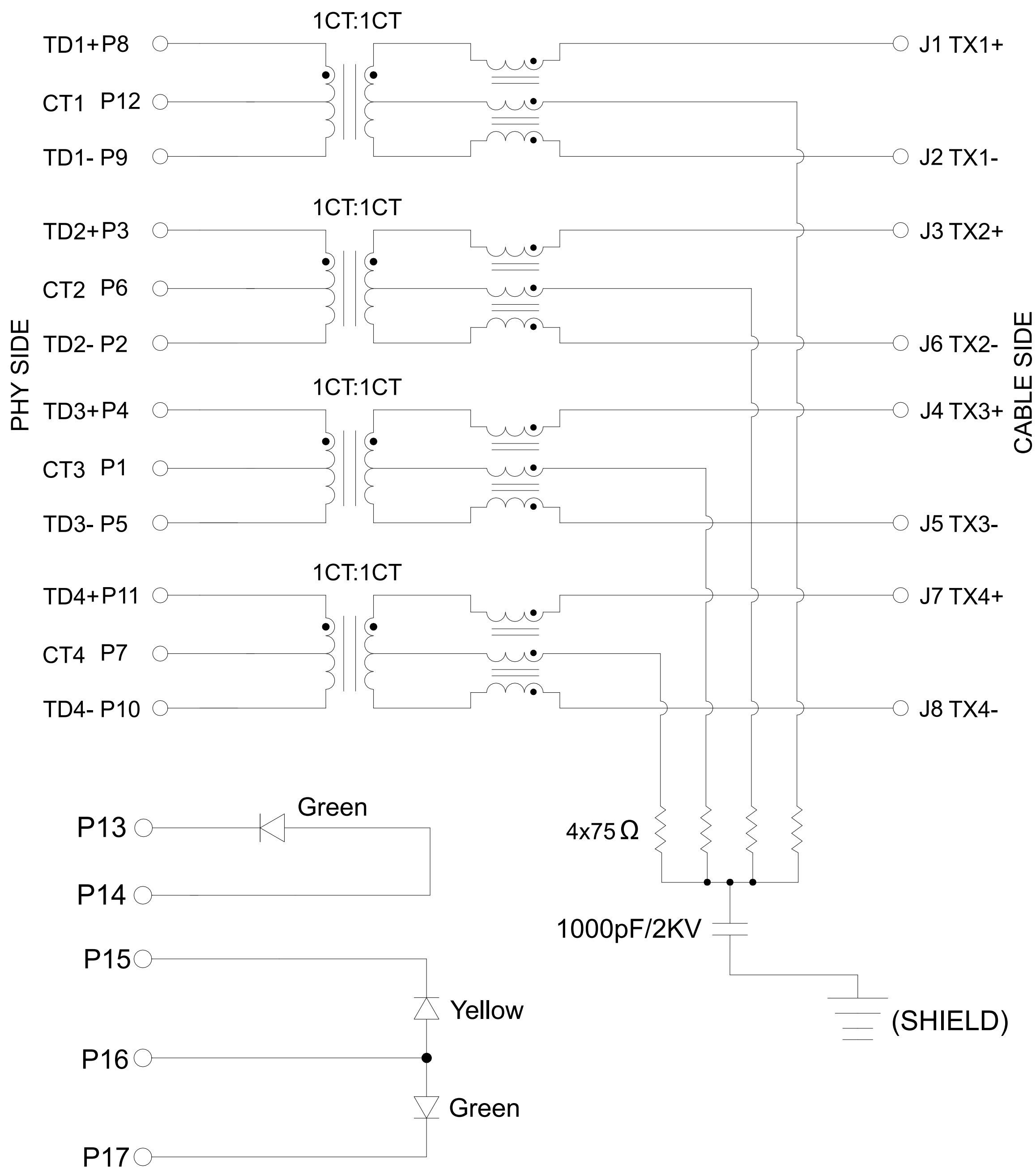
Dimensions Tolerance:
All PCB LAYOUT
Tolerances:±0.05[.002]



0.04572 μm [1.8μ"]	2489079-6
0.0762 μm [3μ"]	2489079-5
0.1524 μm [6μ"]	2489079-4
0.381 μm [15μ"]	2489079-3
0.762 μm [30μ"]	2489079-2
1.27 μm [50μ"]	2489079-1
GOLD PLATING THICKNESS	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN RAMESH KIVADER 12JUN2024	 TE Connectivity	
DIMENSIONS: mm [INCHES]		CHK RAMESH KIVADER 12JUN2024		
	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 0.10 1 PLC ± 0.25 2 PLC ± 0.25 3 PLC ± 0.25 4 PLC ± 0.25 ANGLES ± 2 FINISH	APVD PS SATHISH 12JUN2024	NAME	
		RJ45 1X1 Tab_Down/Through Hole 10G Base-T W/LED —		
MATERIAL —	FINISH —	PRODUCT SPEC	SIZE	
		APPLICATION SPEC	CAGE CODE	
		WEIGHT	DRAWING NO	RESTRICTED TO
		0	A1 00779 C 2489079	—
CUSTOMER DRAWING		SCALE		SHEET
		1:1		1 OF 2
				REV A

Schematic



PARAMETER	SPECIFICATIONS
OPERATING TEMPERATURE	0°C To +70°C
TURNS RATIO	1:1±2%
INDUCTANCE(OCL)	120uH MIN@100KHz/100mV With 8mA DC Bias For(Channel1/2/3/4/5)
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 RADIO	-30dBMIN@1-100MHz; -20dBMIN@100-500MHz;
COMMON MODE TO DIFFERENTIAL MODE ATTENUATION	-30dBMIN@1-100MHz; -20dBMIN@100-500MHz;
HI-POT	2250VDC@60 SECONDS(Channel1/2/3/4)

LED SPECIFICATION			
STANDARD LED	WAVELENGTH	Farward V(max)	TYP
GREEN	570nm	2.4V	2.2V
YELLOW	590nm	2.4V	2.1V

*WITH A FORWARD CURRENT OF 20mA

Mouser Electronics

Authorized Distributor

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

[TE Connectivity:](#)

[2489079-1](#)