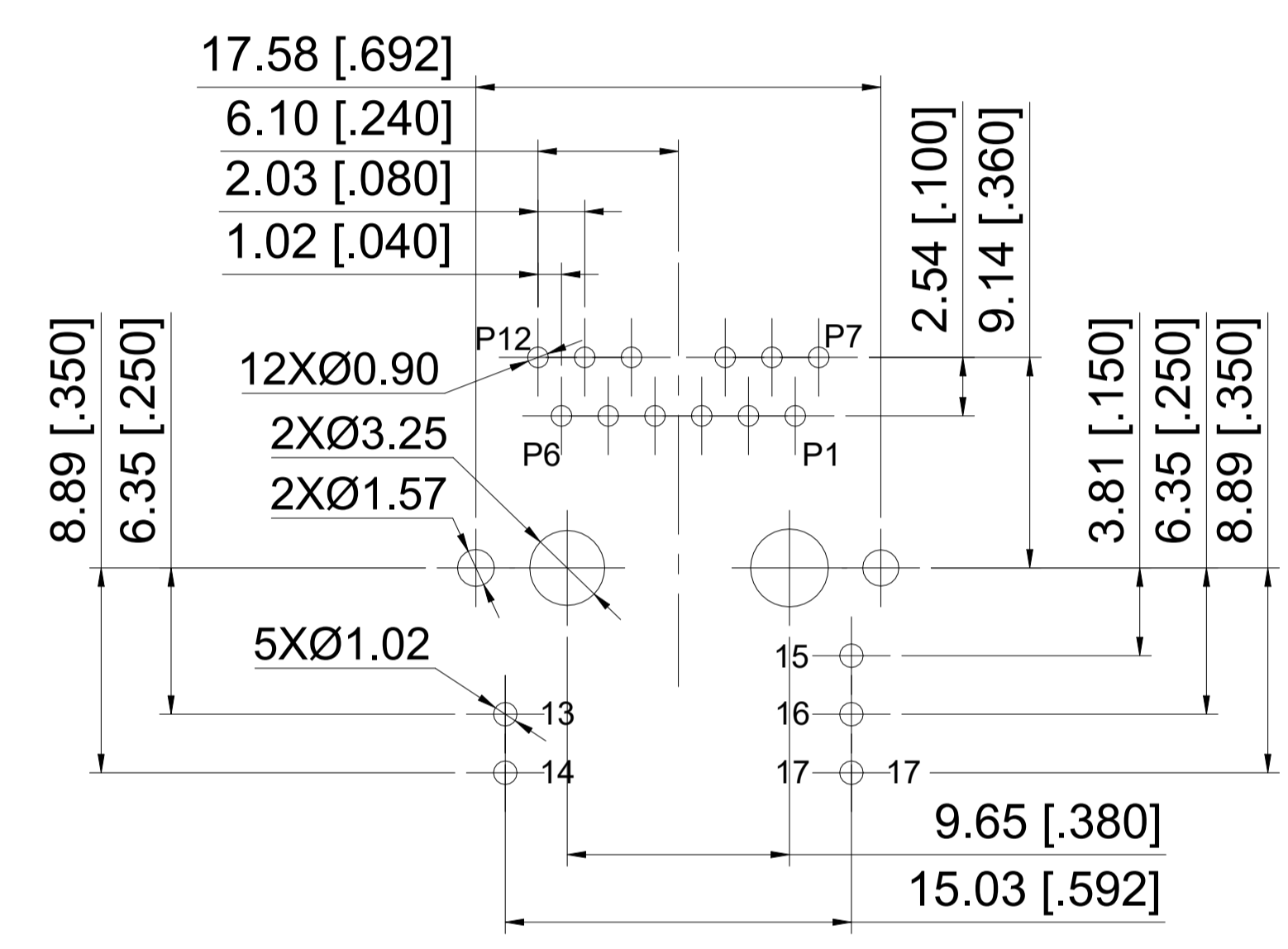
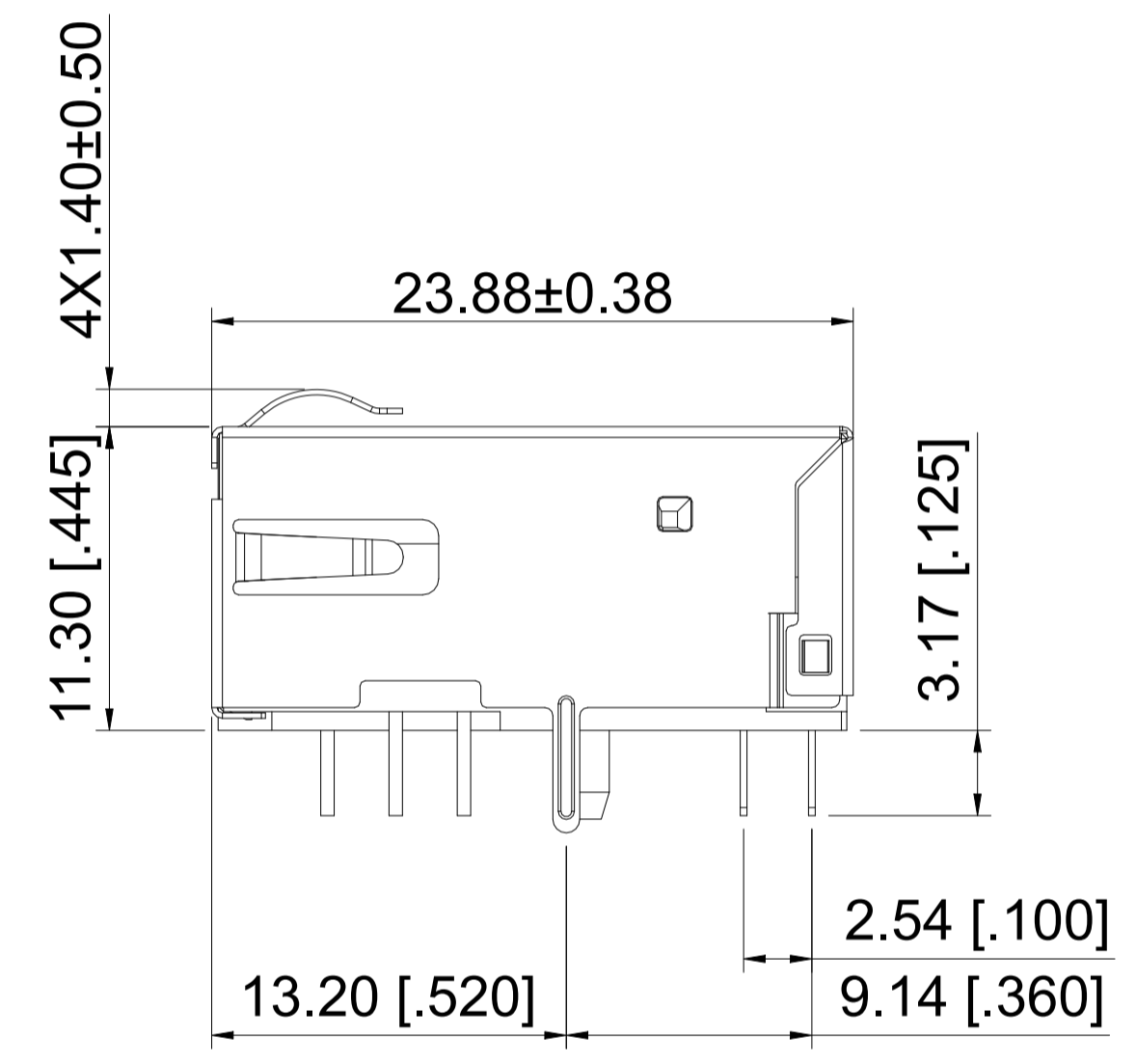
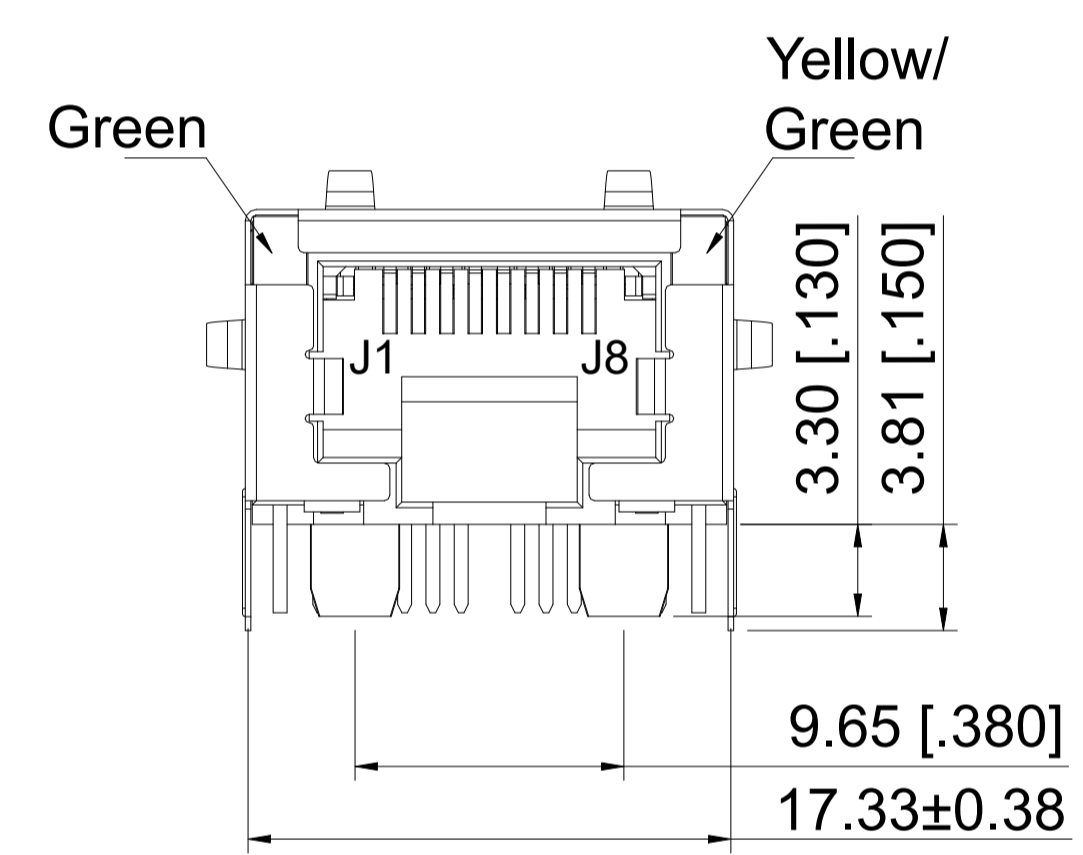
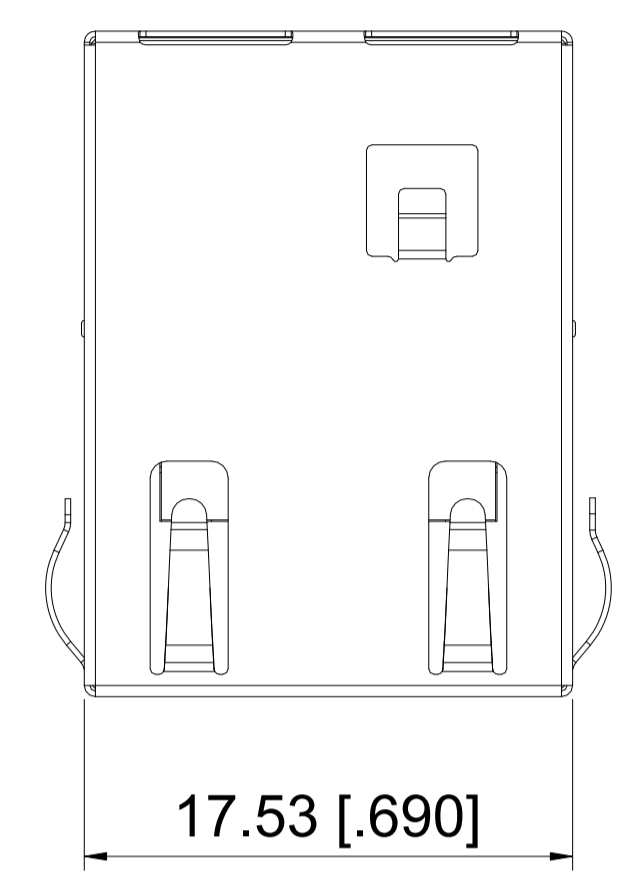


REVISIONS					
REV	DATE	DESCRIPTION	BY	CHK	APP'D
A	11JUL2024	INITIAL RELEASE	RK	PSS	

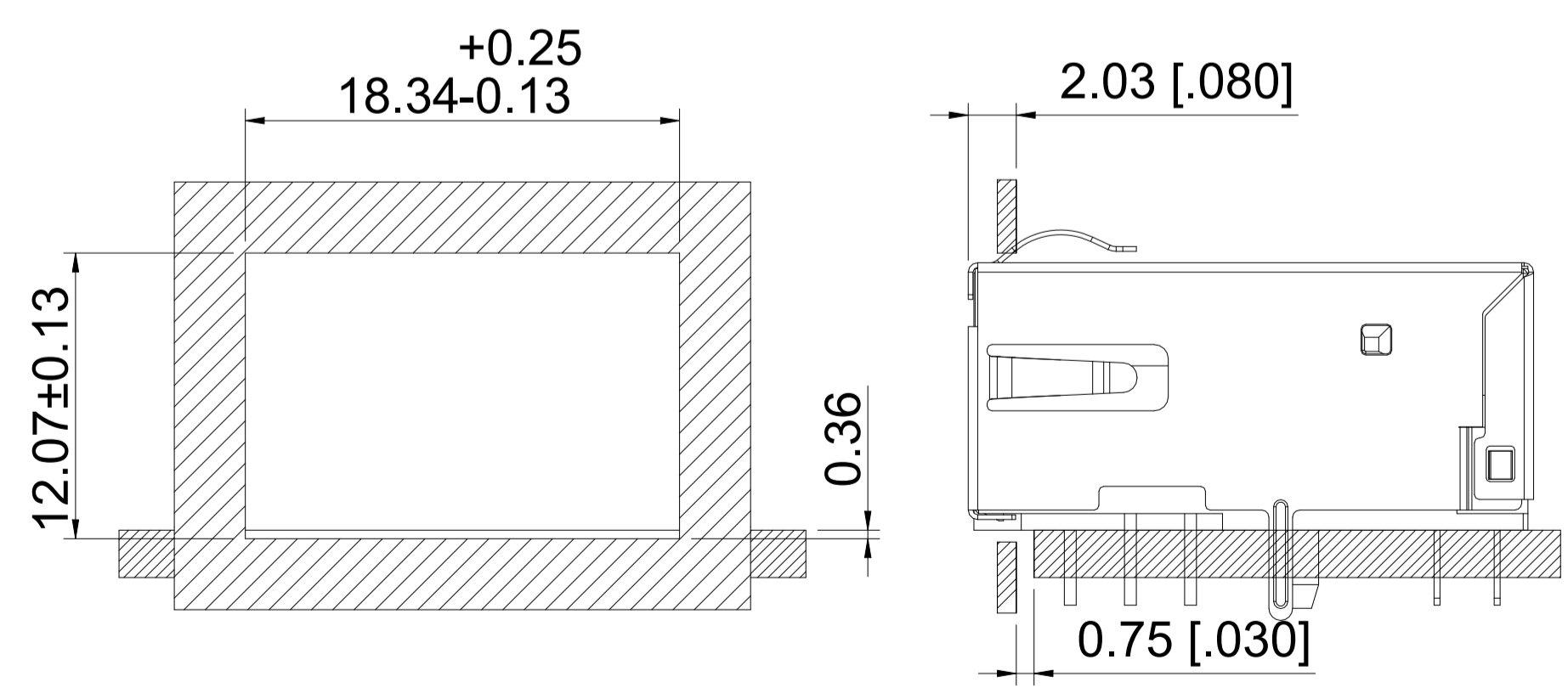
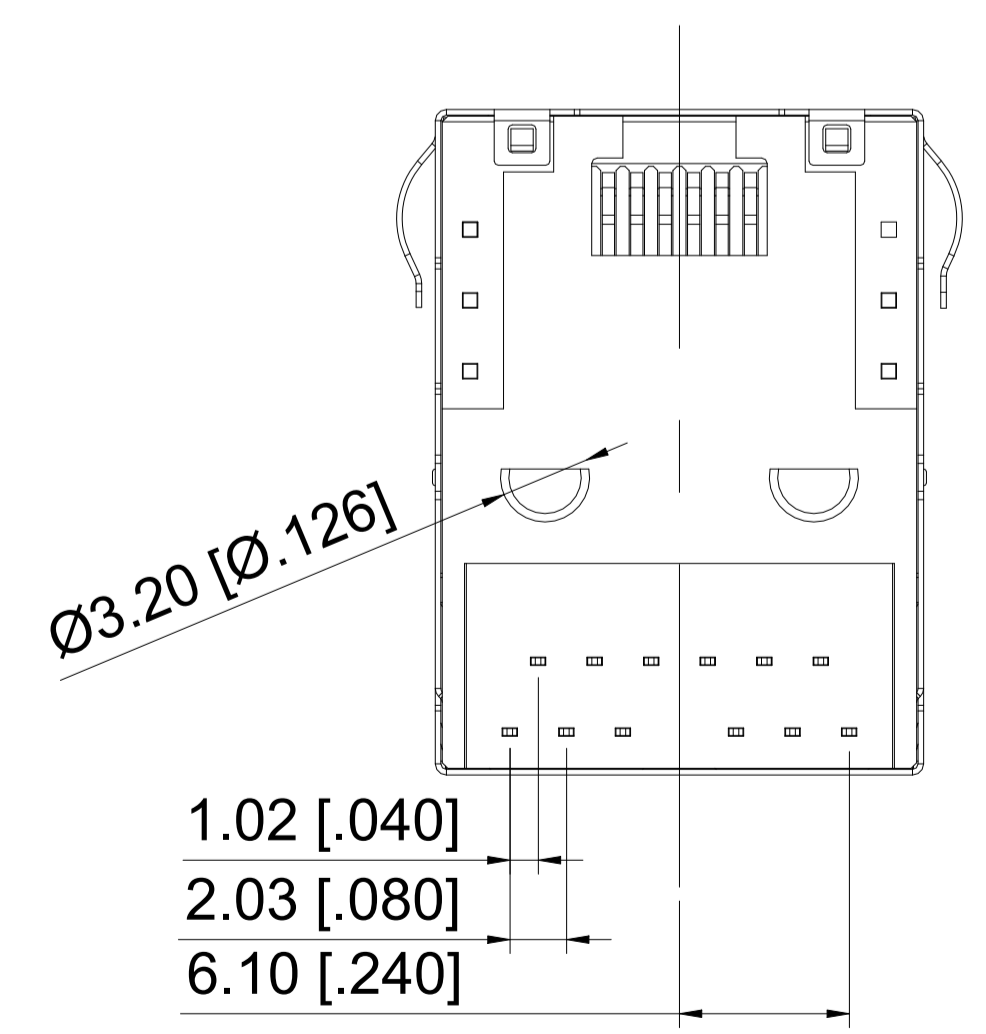
NOTES:

- 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 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:-20°C TO +125°C.



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

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

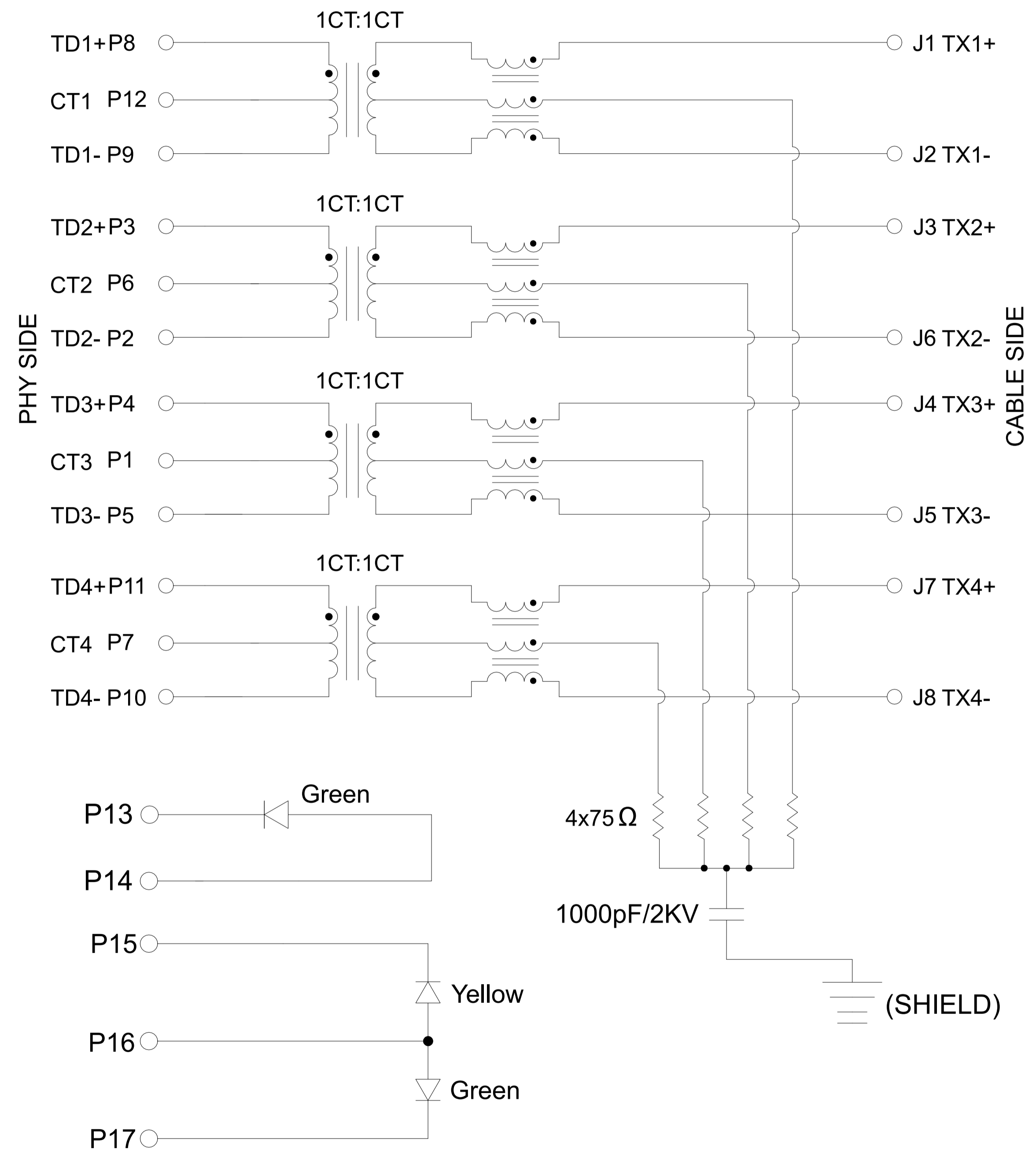


GOLD PLATING THICKNESS	PART NUMBER
0.04572 µm [1.8µ"]	2489079-6
0.0762 µm [3µ"]	2489079-5
0.1524 µm [6µ"]	2489079-4
0.381 µm [15µ"]	2489079-3
0.762 µm [30µ"]	2489079-2
1.27 µm [50µ"]	2489079-1

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

REVISIONS				
REV	DATE	DESCRIPTION	BY	APP'D
-	-	SEE SHEET 1	-	-

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 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

THIS DRAWING IS A CONTROLLED DOCUMENT.		DIM: RAMESH_KIVADER 12JUN2024 CHK: RAMESH_KIVADER 12JUN2024 APP'D: P.S. SATHISH 12JUN2024 PRODUCT SPEC:		TE Connectivity	
DIMENSIONS: mm [INCHES] TOLERANCES UNLESS OTHERWISE SPECIFIED: 0. PLC ± - 1. PLC ± - 2. PLC ± - 3. PLC ± - 4. PLC ± - ANGLES ± -		NAME: RJ45 1X1 Tab_Down/Through Hole 10G Base-T W/LED APPLICATION SPEC:		SIZE: A1 CAGE CODE: 00779 DRAWING NO: 2489079 RESTRICTED TO:	
MATERIAL: -		FINISH: -		WEIGHT: - CUSTOMER DRAWING:	
				SCALE: 1:1 SHEET: 2 of 2 REV: A	