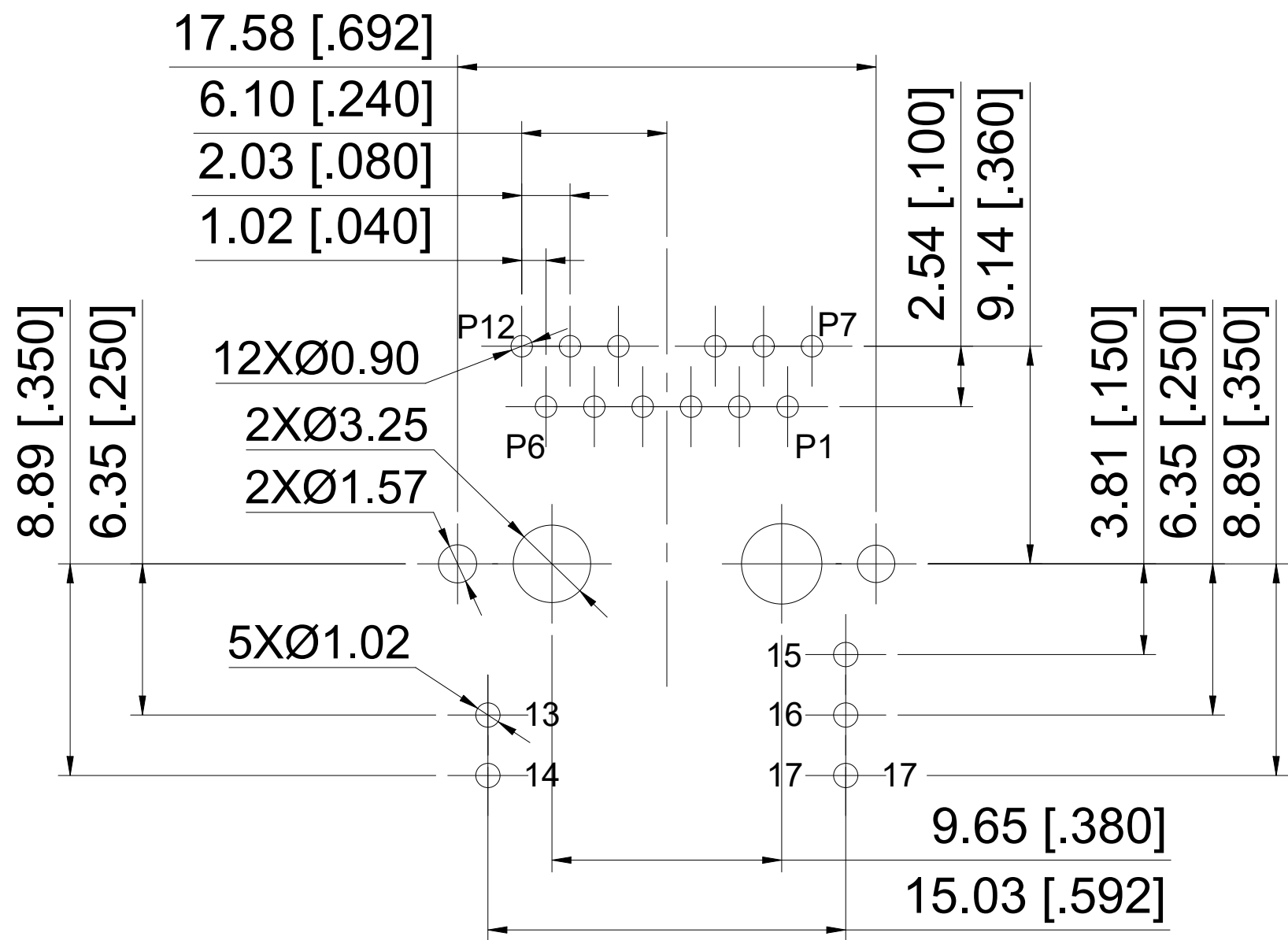
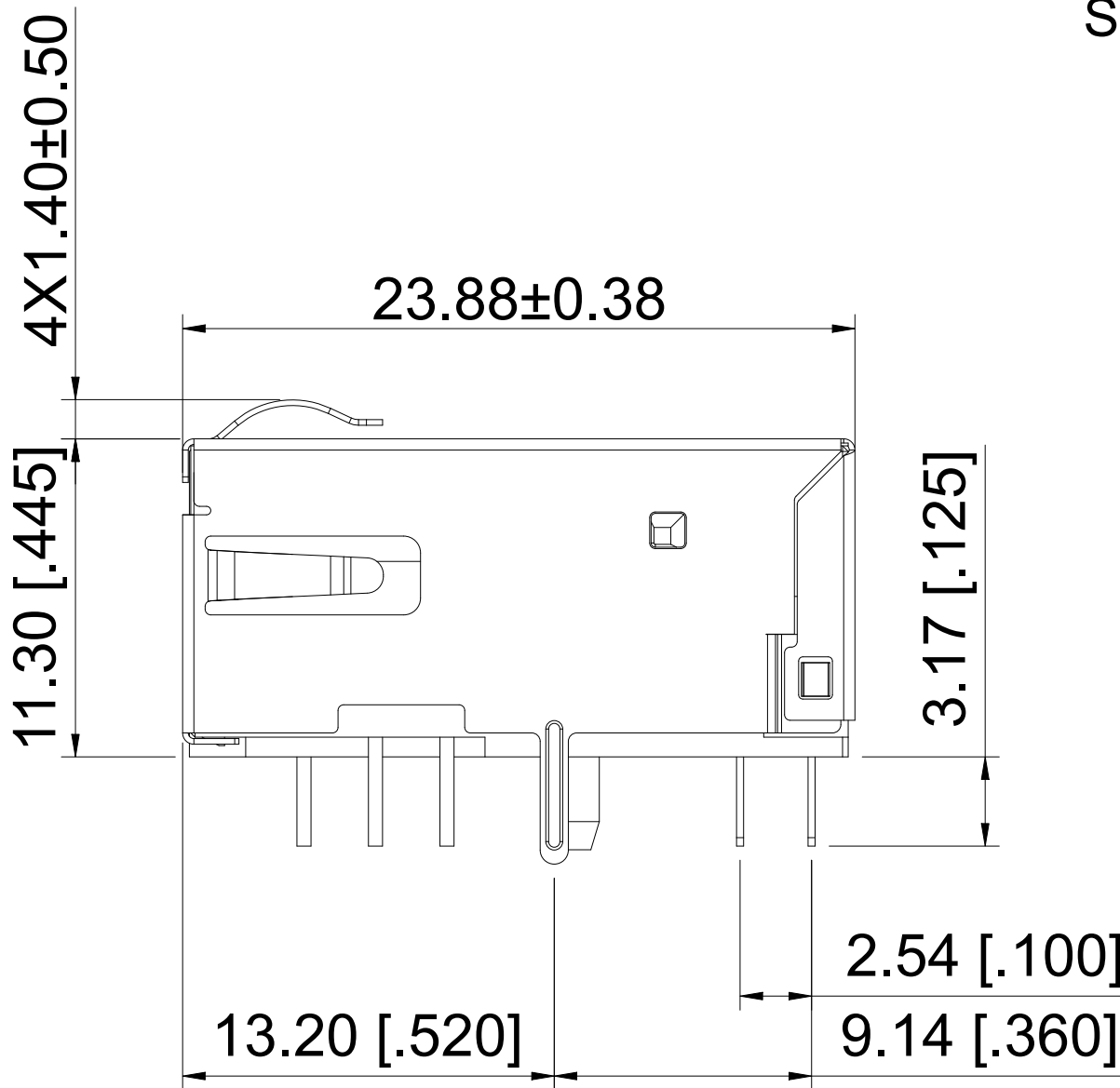
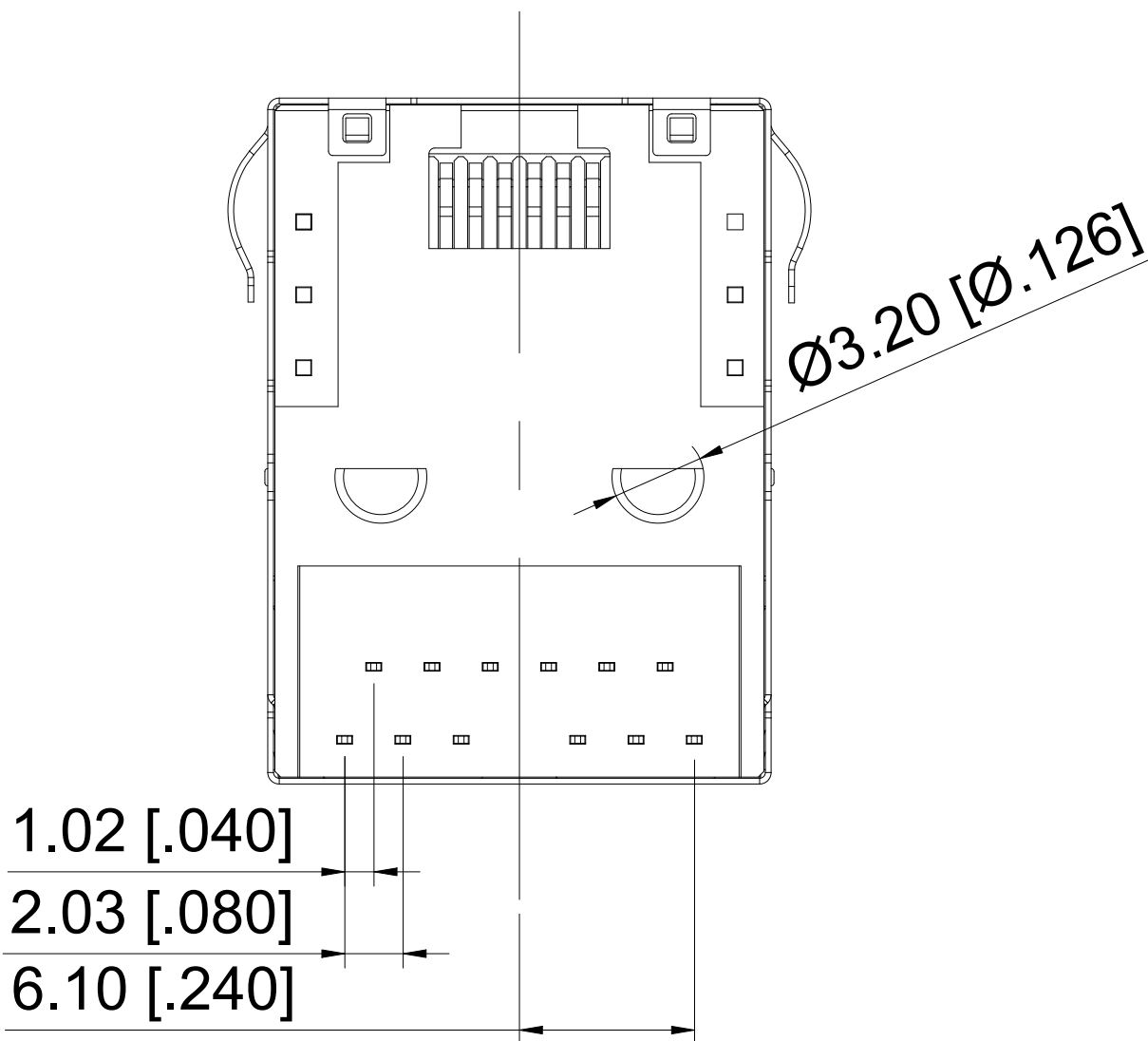
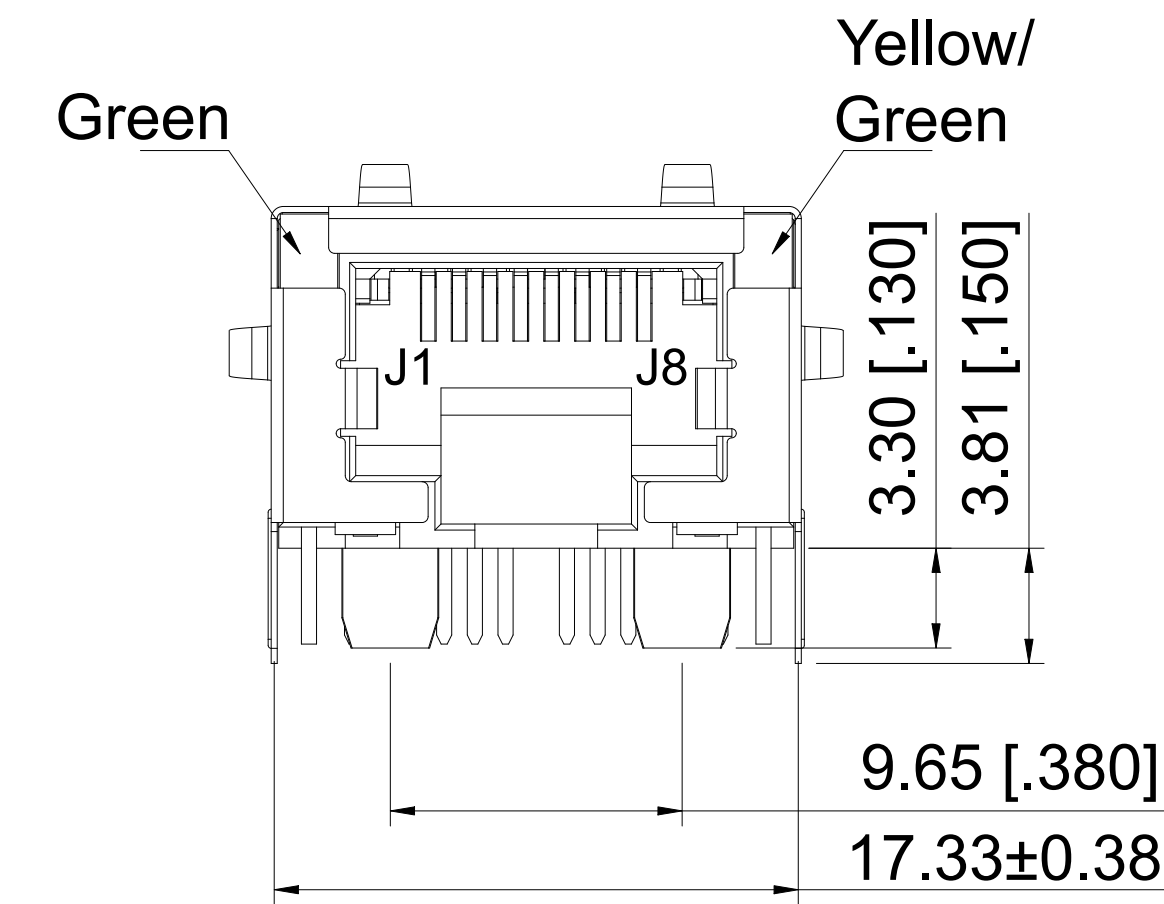
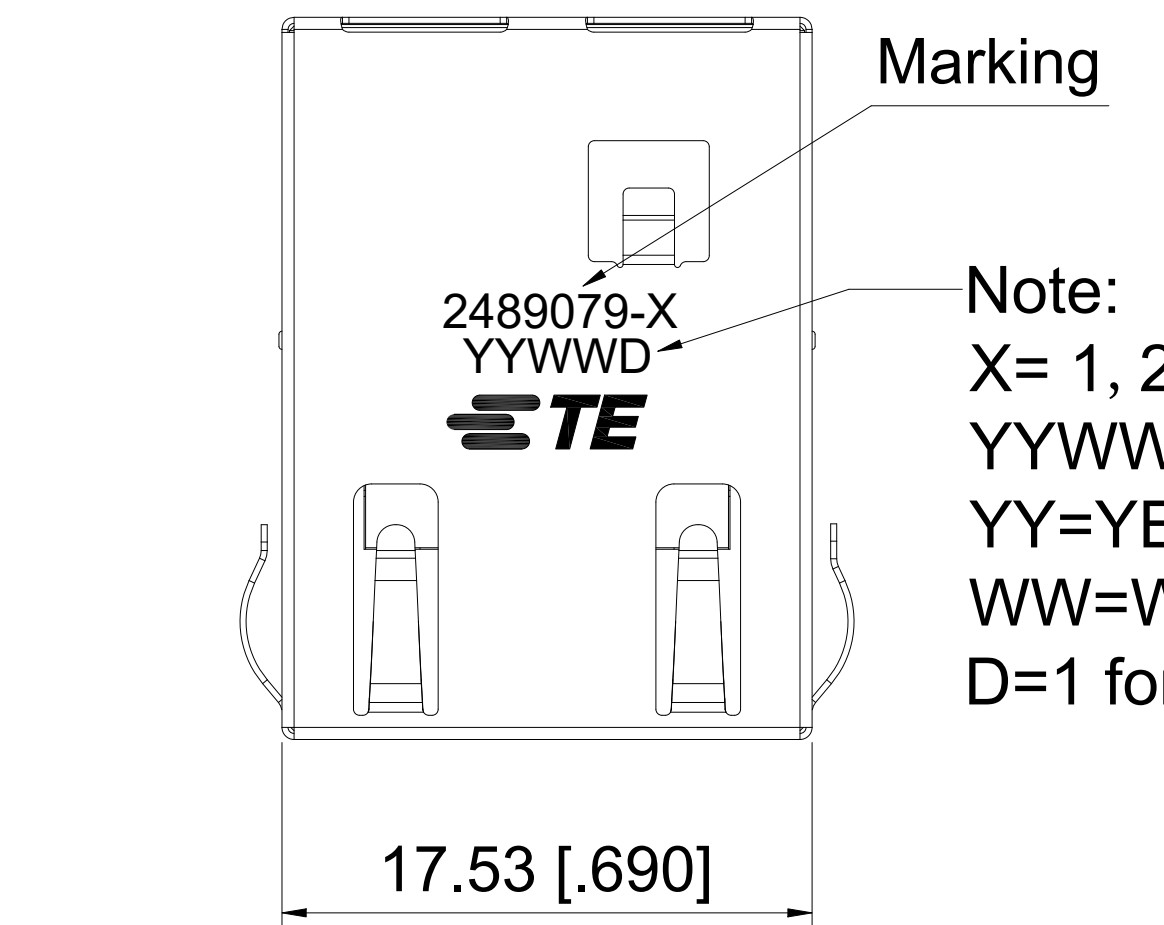


REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
A2	REVISED	PER ECR-24-230851	01JAN2025	TR	RCG

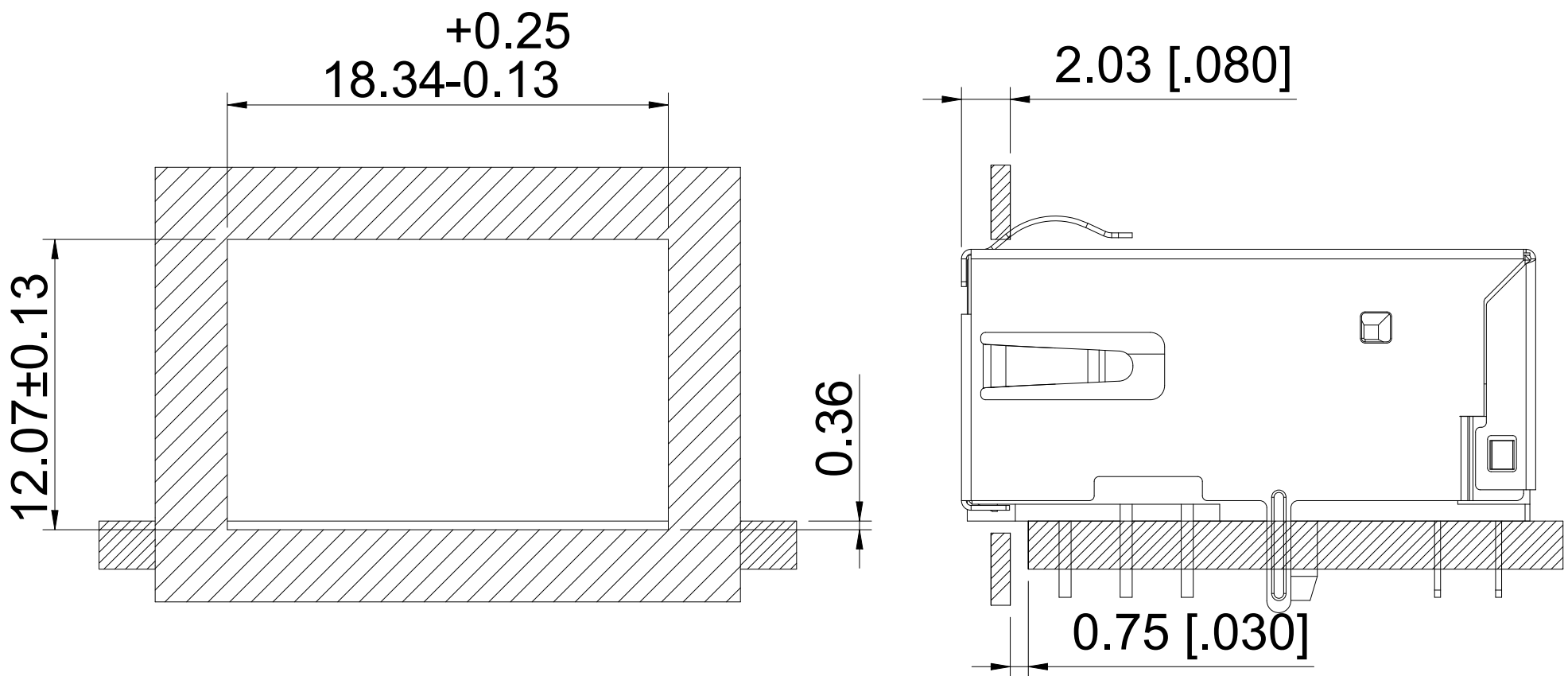
NOTES:

- 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 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 260°C MAX,10 SECS MAX.
- 6.OPERATING TEMPERATURE:-40°C TO +85°C.
STORAGE TEMPERATURE:-40°C TO +85°C.



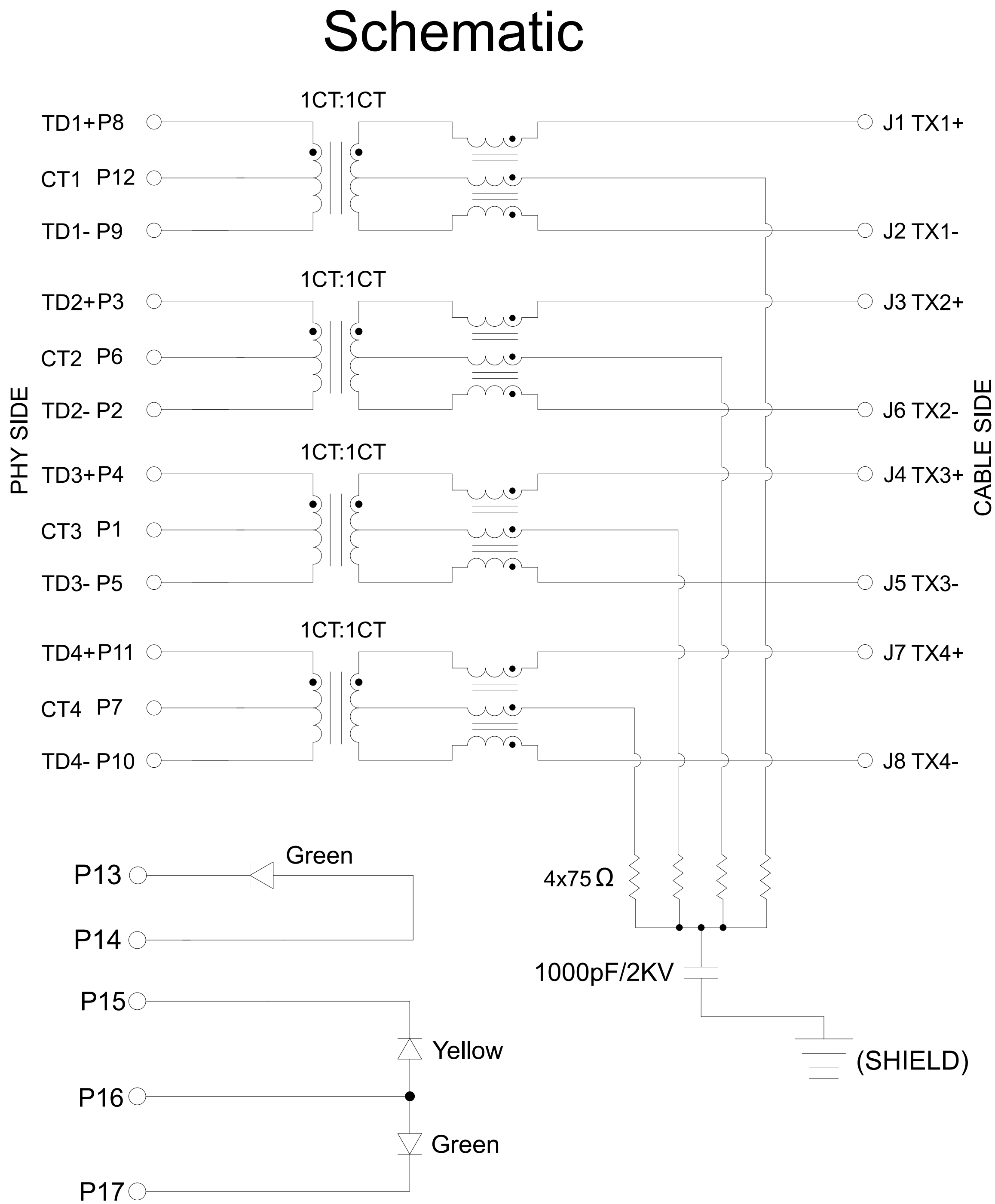
RECOMMENDED P.C.B LAYOUT
TOP VIEW (COMPONENT SIDE)

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



0.04572 µm [1.8µ"]	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:		APVD PS SATHISH 12JUN2024	NAME	
0. PLC ± 0.10 1. PLC ± 0.25 2. PLC ± 0.25 3. PLC ± 0.25 4. PLC ± 0.25 ANGLES ± 2		PRODUCT SPEC 108-161443	RJ45 1X1 Tab_Down/Through Hole 10G Base-T W/LED	
MATERIAL		APPLICATION SPEC 114-161076	SIZE	
FINISH		WEIGHT	CAGE CODE	
			DRAWING NO	
			RESTRICTED TO	
			A100779C=2489079	
			CUSTOMER DRAWING	
			SCALE 1:1	
			SHEET 1 OF 2	
			REV A2	



PARAMETER	SPECIFICATIONS
OPERATING TEMPERATURE	-40°C To +85°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