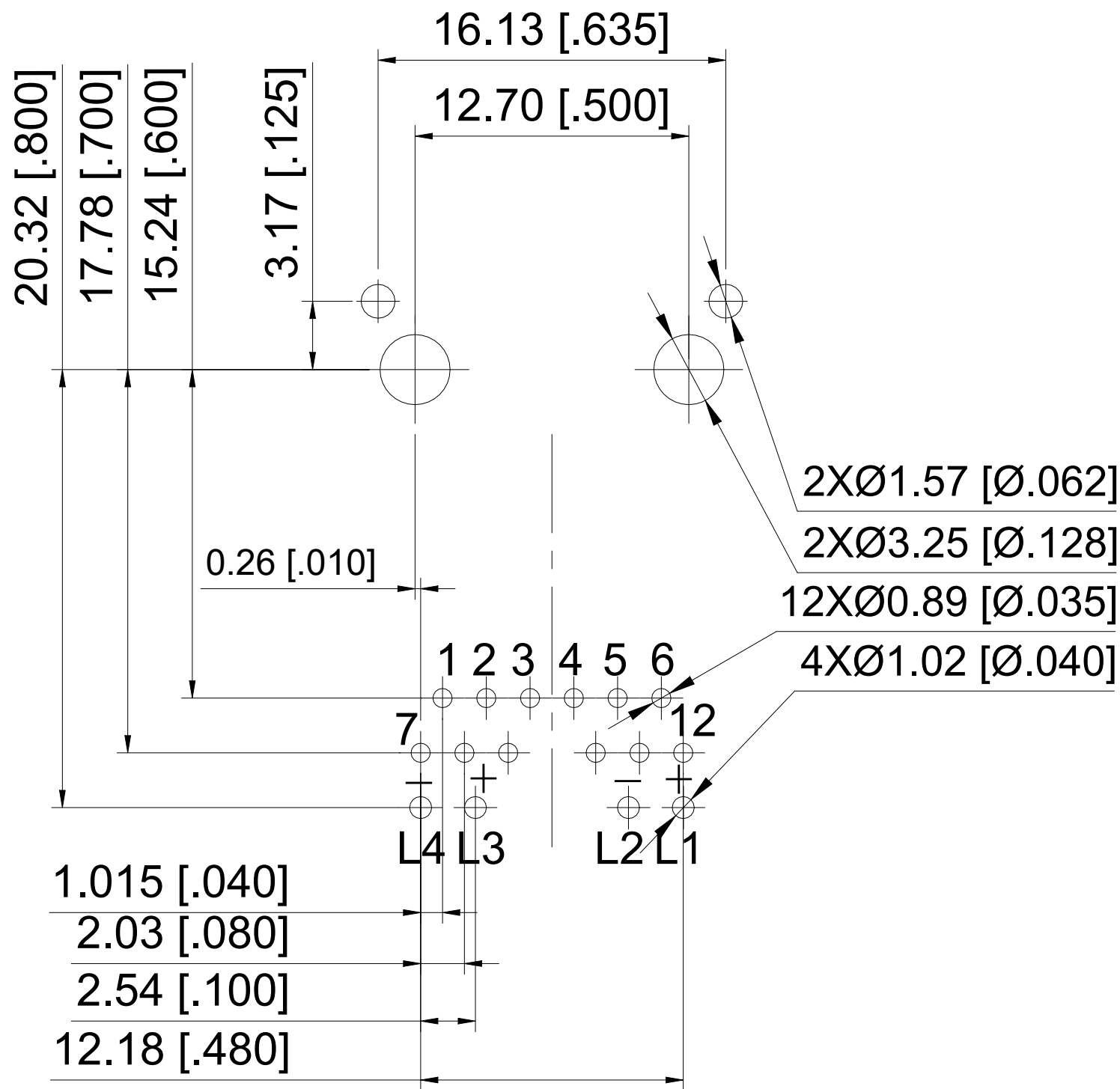
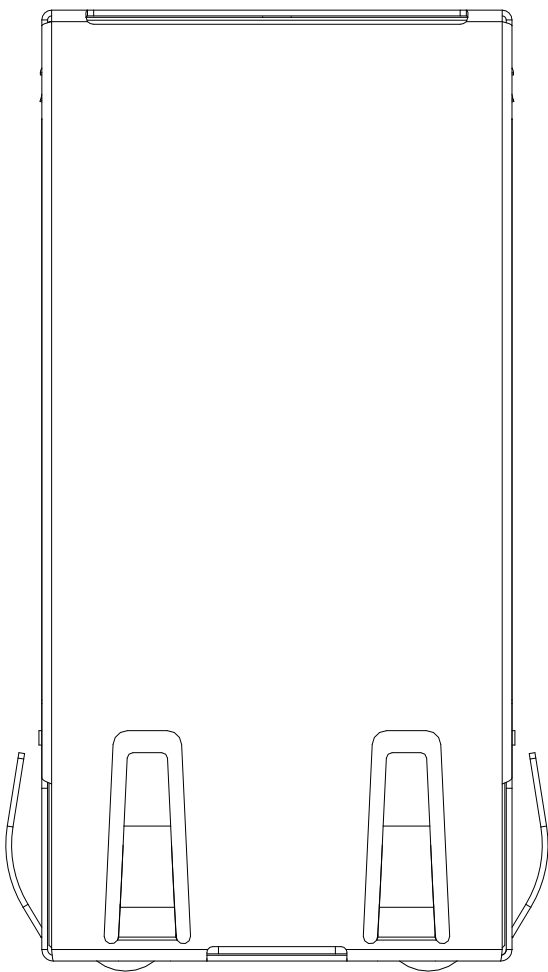
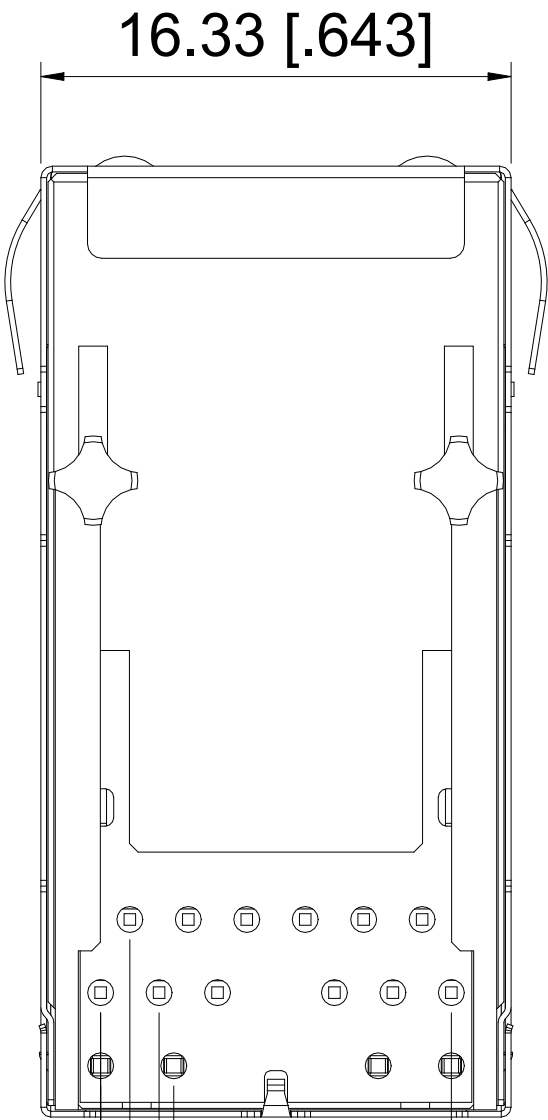
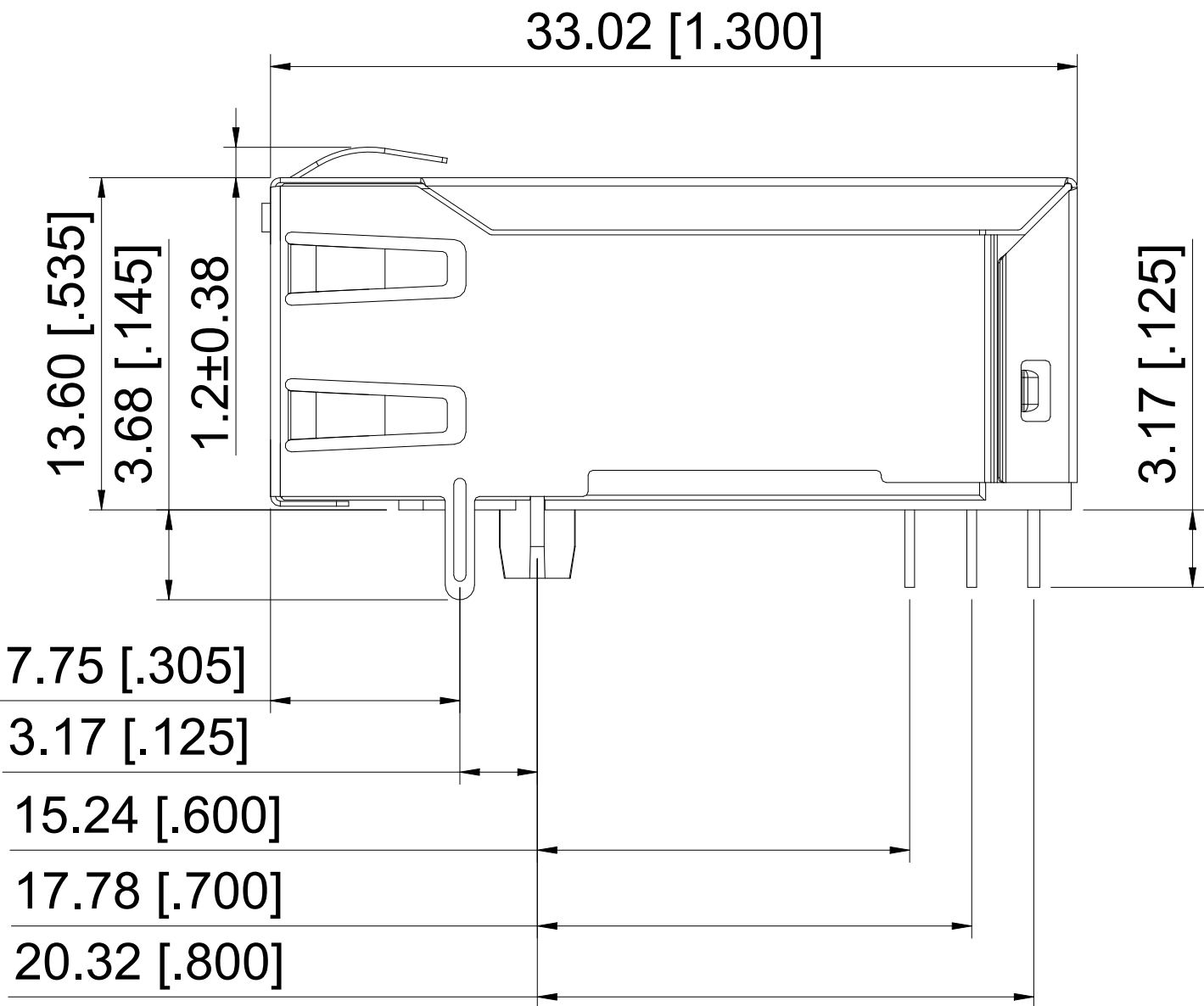
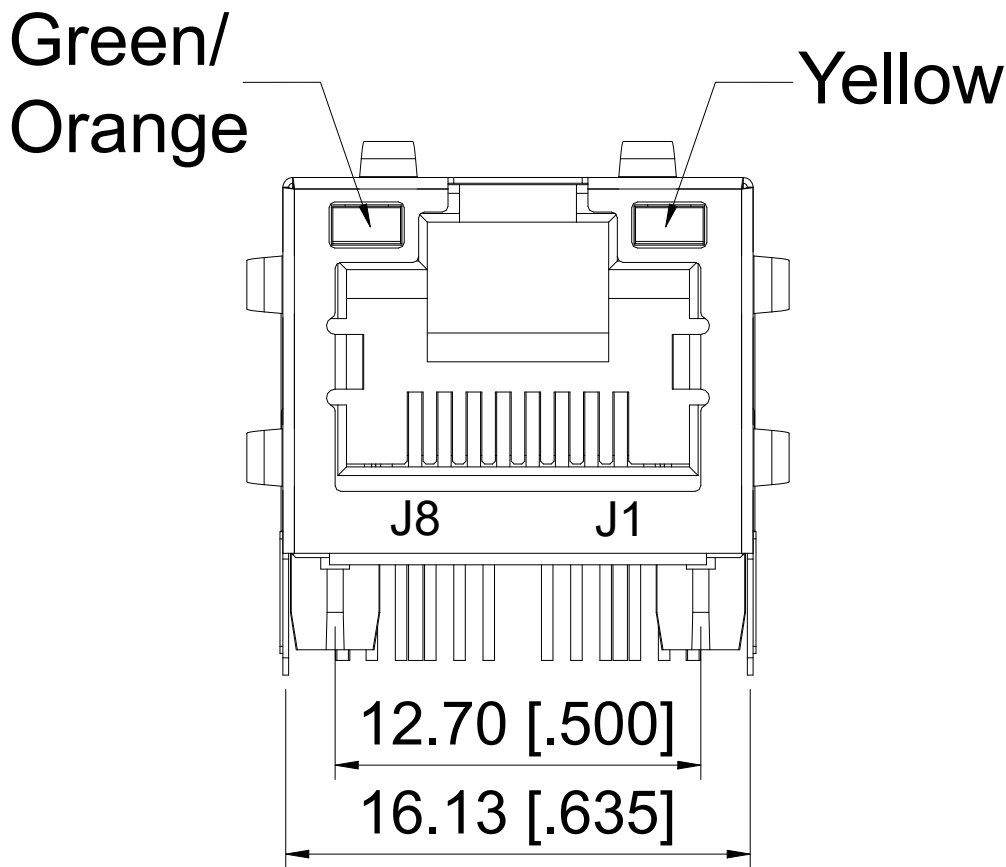


REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
A		INITIAL RELEASE	11JUL2024	RK	PSS

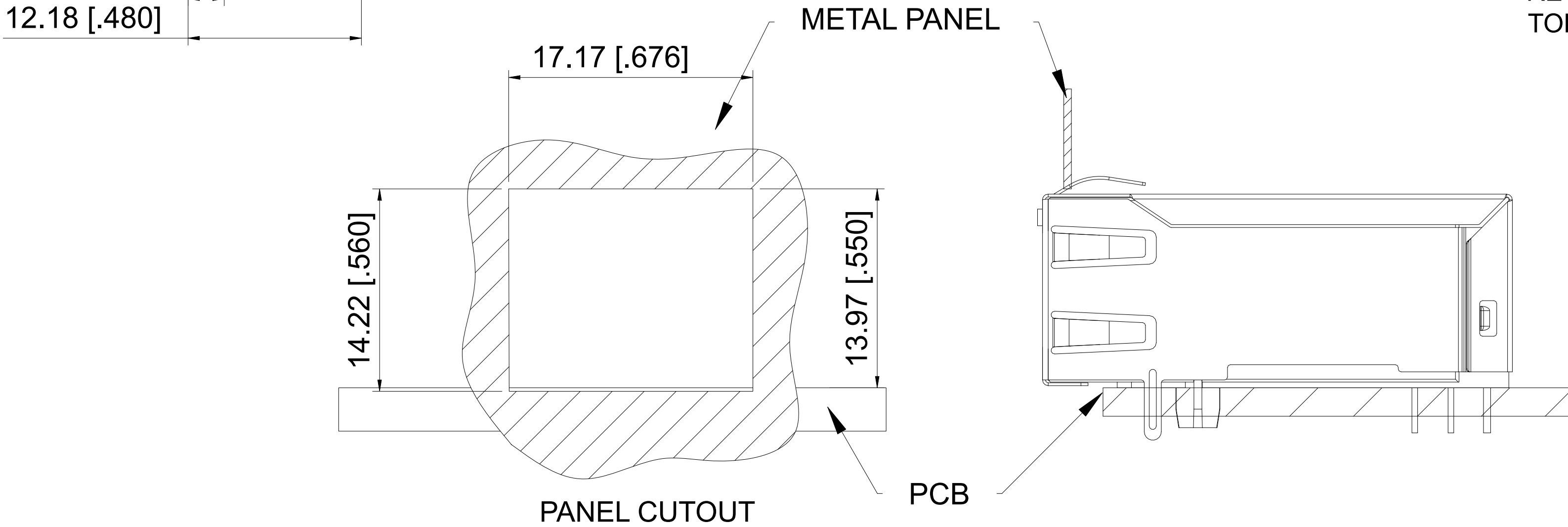
NOTES:

- 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 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)

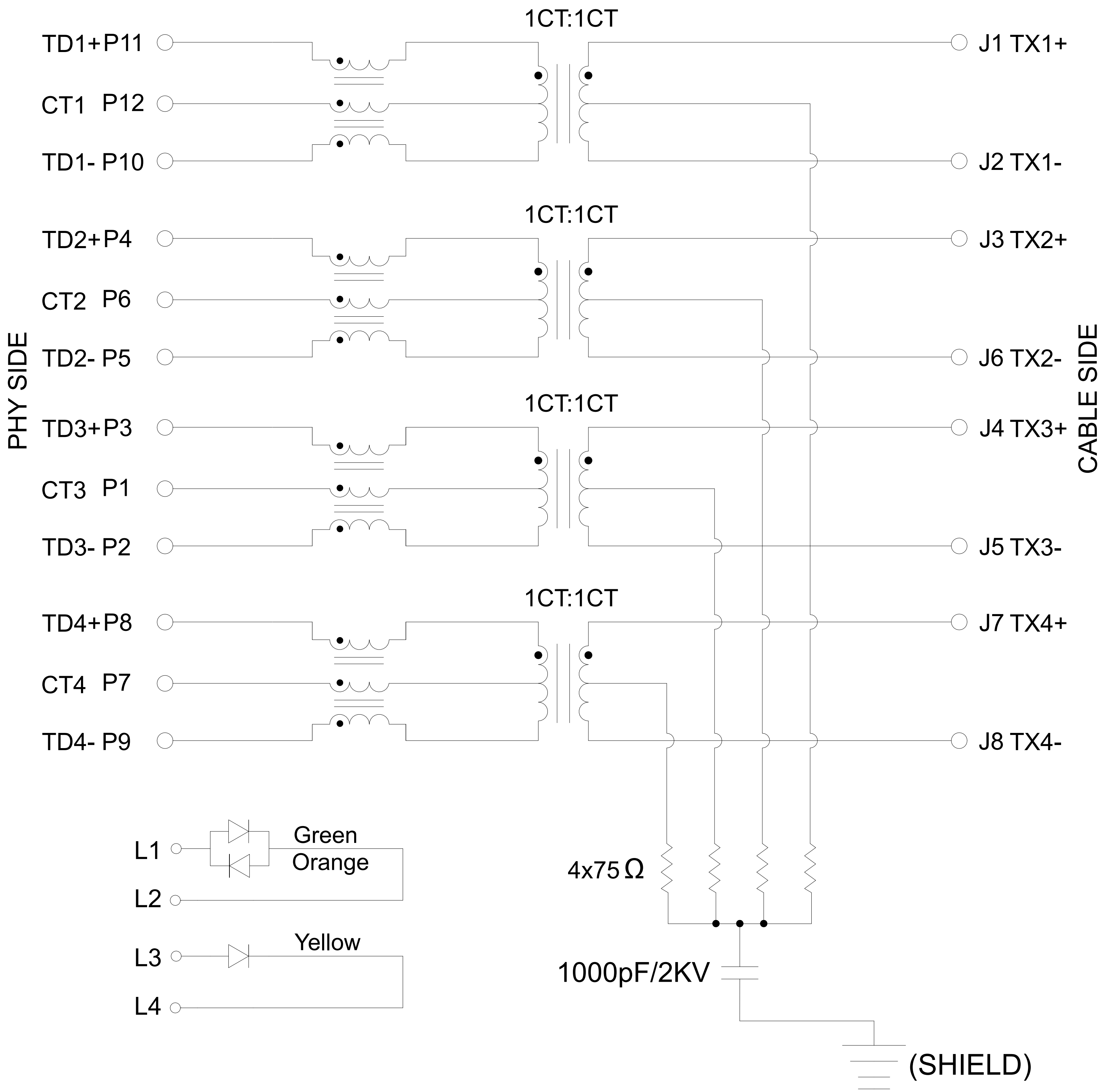
Dimension Tolerance:
All PCB LAYOUT
Tolerance:±0.05[.002]



0.04572 μm [1.8μ"]	2489116-6
0.0762 μm [3μ"]	2489116-5
0.1524 μm [6μ"]	2489116-4
0.381 μm [15μ"]	2489116-3
0.762 μm [30μ"]	2489116-2
1.27 μm [50μ"]	2489116-1
GOLD PLATING THICKNESS	
PART NUMBER	

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN RAMESH_KIVADER 12JUN2024	TE Connectivity	
DIMENSIONS: mm [INCHES]		CHK RAMESH_KIVADER 12JUN2024	NAME	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD PS_SATHISH 12JUN2024	PRODUCT SPEC	
0. PLC ± 0.10		APPLICATION SPEC		
1. PLC ± 0.25		WEIGHT		
2. PLC ± 0.25		0		
3. PLC ± 0.25		A100779C=2489116		
4. PLC ± 0.25		CUSTOMER DRAWING		
ANGLES ± 2		SCALE 1:1		
FINISH		SHEET 1 OF 2		
MATERIAL		REV A		

Schematic



PARAMETER	SPECIFICATIONS
OPERATING TEMPERATURE	-40°C To +85°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; -16dB MIN@30MHz-60MHz; -12dB MIN@60MHz-80MHz; -10dB MIN@80MHz-100MHz;
CROSSTALK (ADJACENT CHANNELS)	-30dB MIN@1MHz-100MHz;
COMMON MODE REJECTION RATIO	-30dB MIN@1MHz-100MHz;
HI-POT	2250 VDC@60 SECONDS

LED SPECIFICATION			
STANDARD LED	WAVELENGTH	Farward V(max)	TYP
GREEN	570nm	2.4V	2.2V
YELLOW	590nm	2.5V	2.1V
ORANGE	605nm	2.5V	2.1V

*WITH A FORWARD CURRENT OF 20mA

Mouser Electronics

Authorized Distributor

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

[TE Connectivity:](#)

[2489116-1](#)