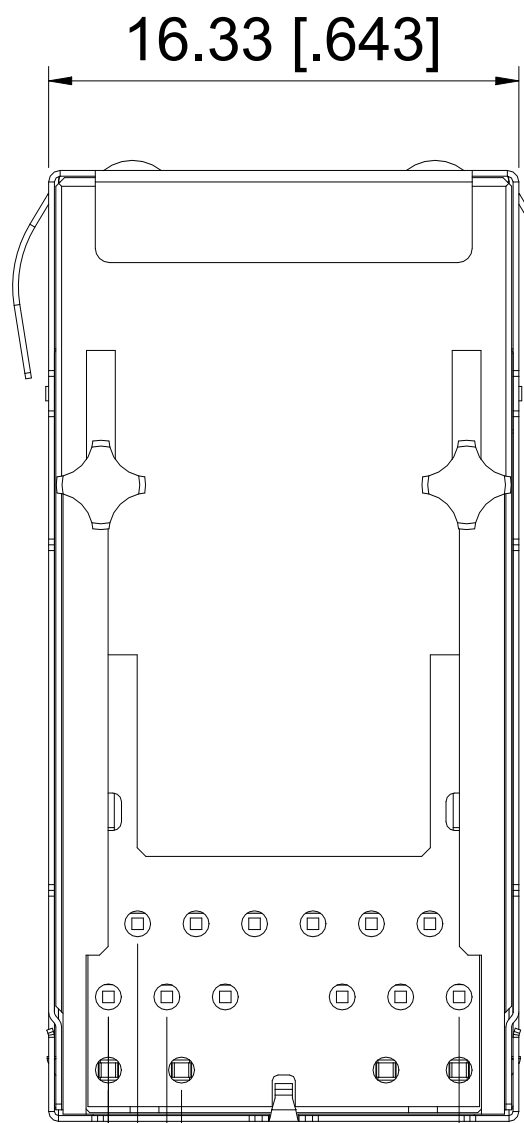
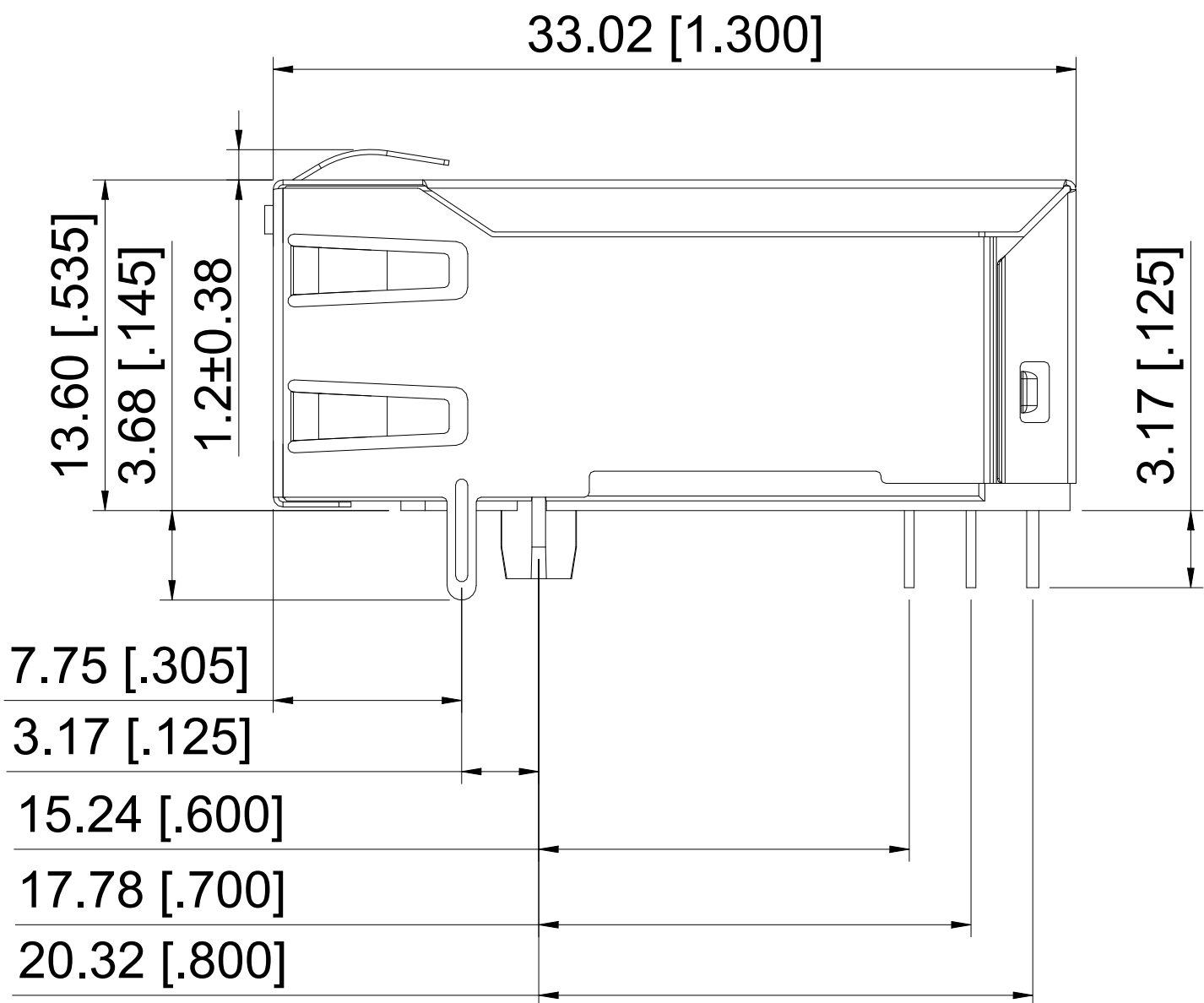
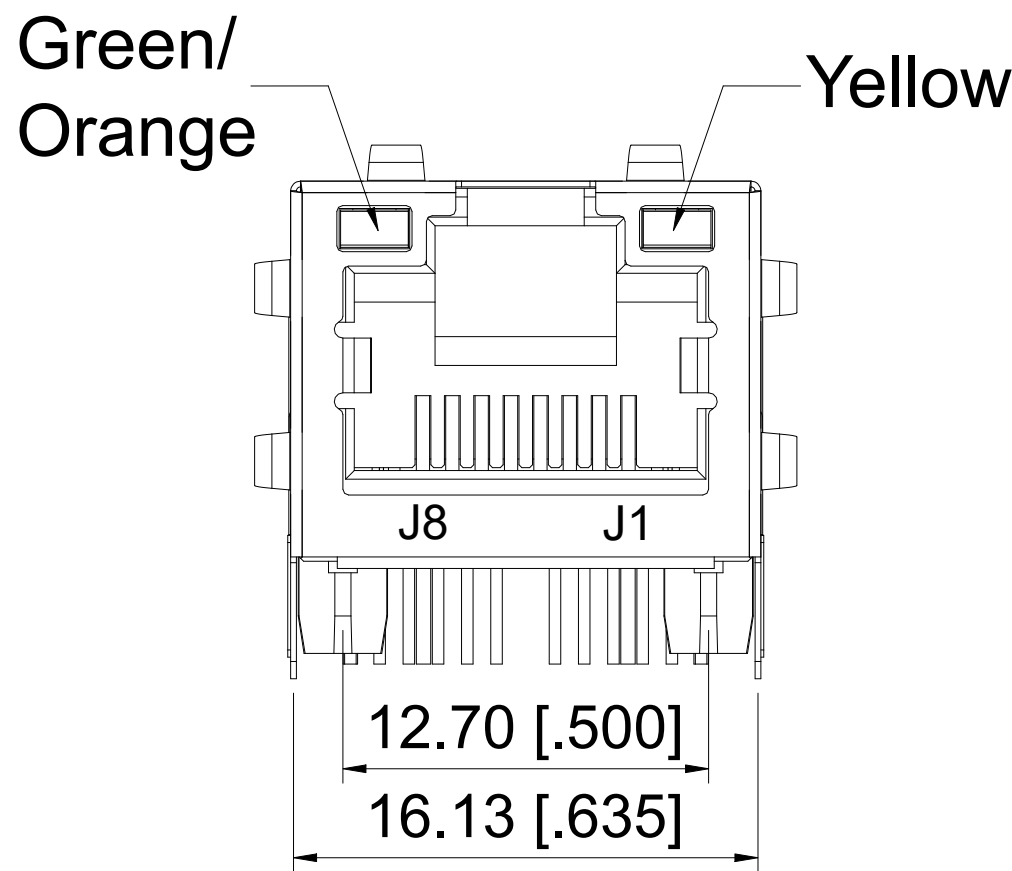


NOTES:

- 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 RECOMMENDDDED 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.

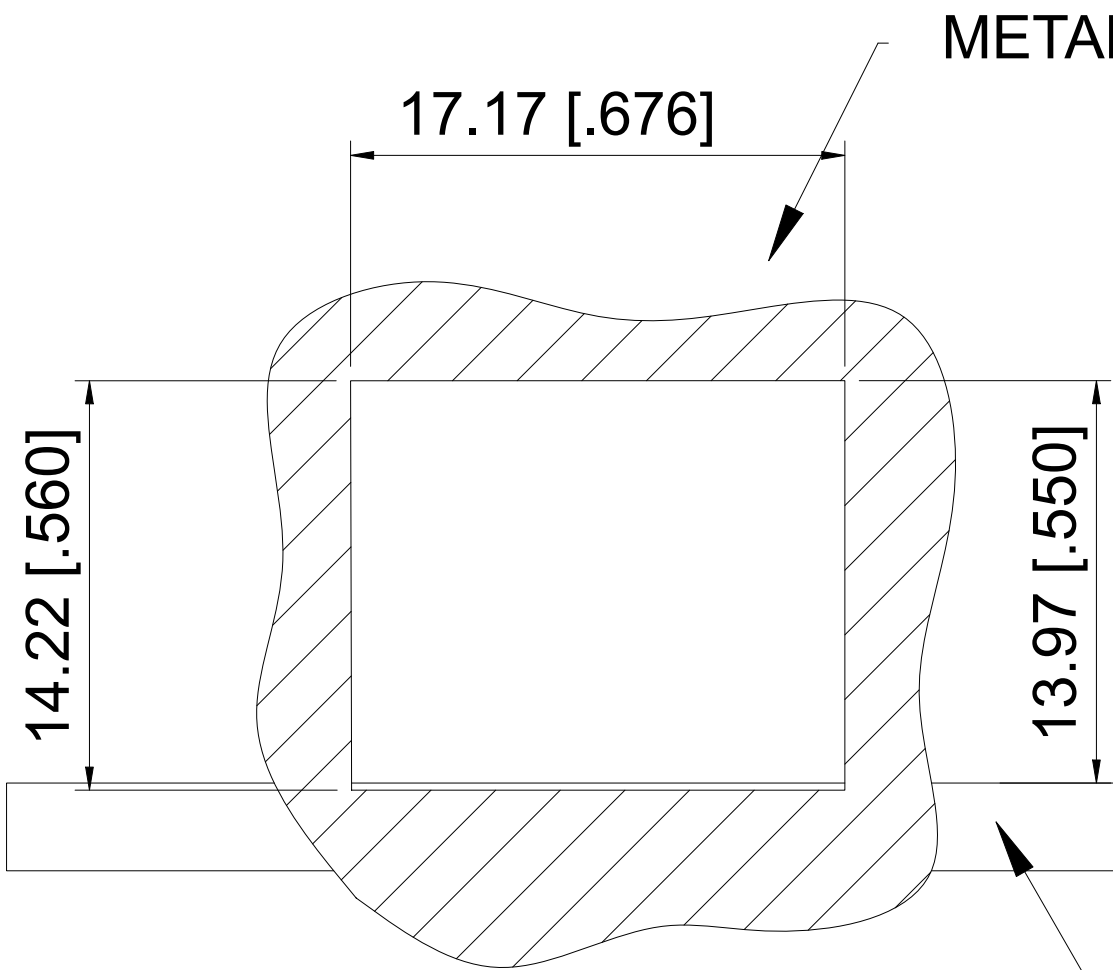
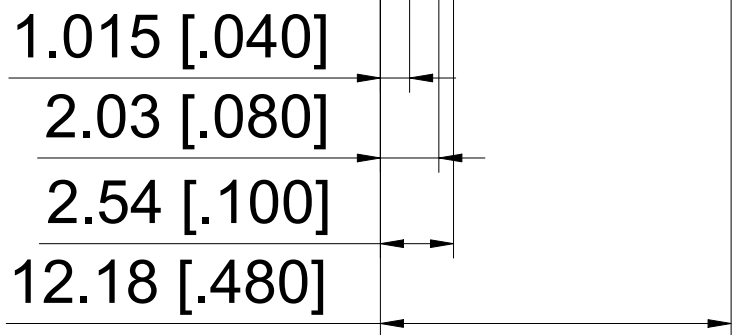


Marking

2489116-X
YYWWD

Note:

X= 1, 2,3,4,5,6
YYWWD
YY=YEAR
WW=WEEK
D=1 for Sunday - 7 for Saturday

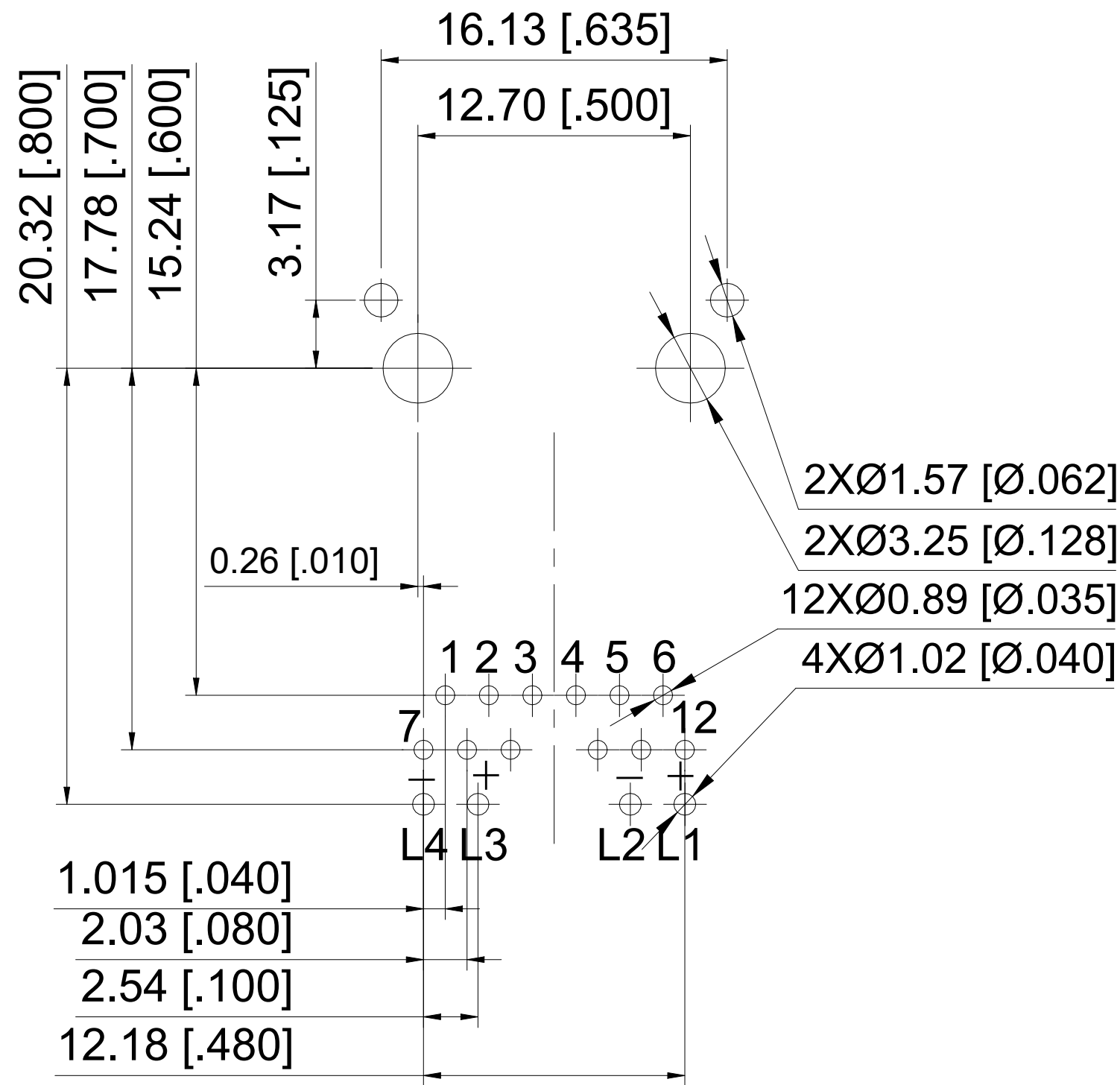
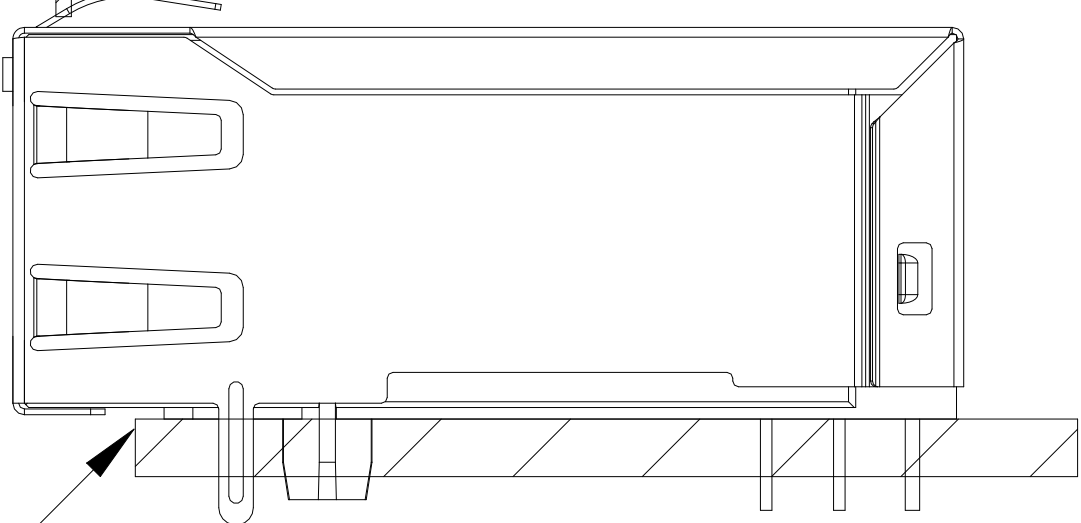


METAL PANEL

PANEL CUTOUT

PCB

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

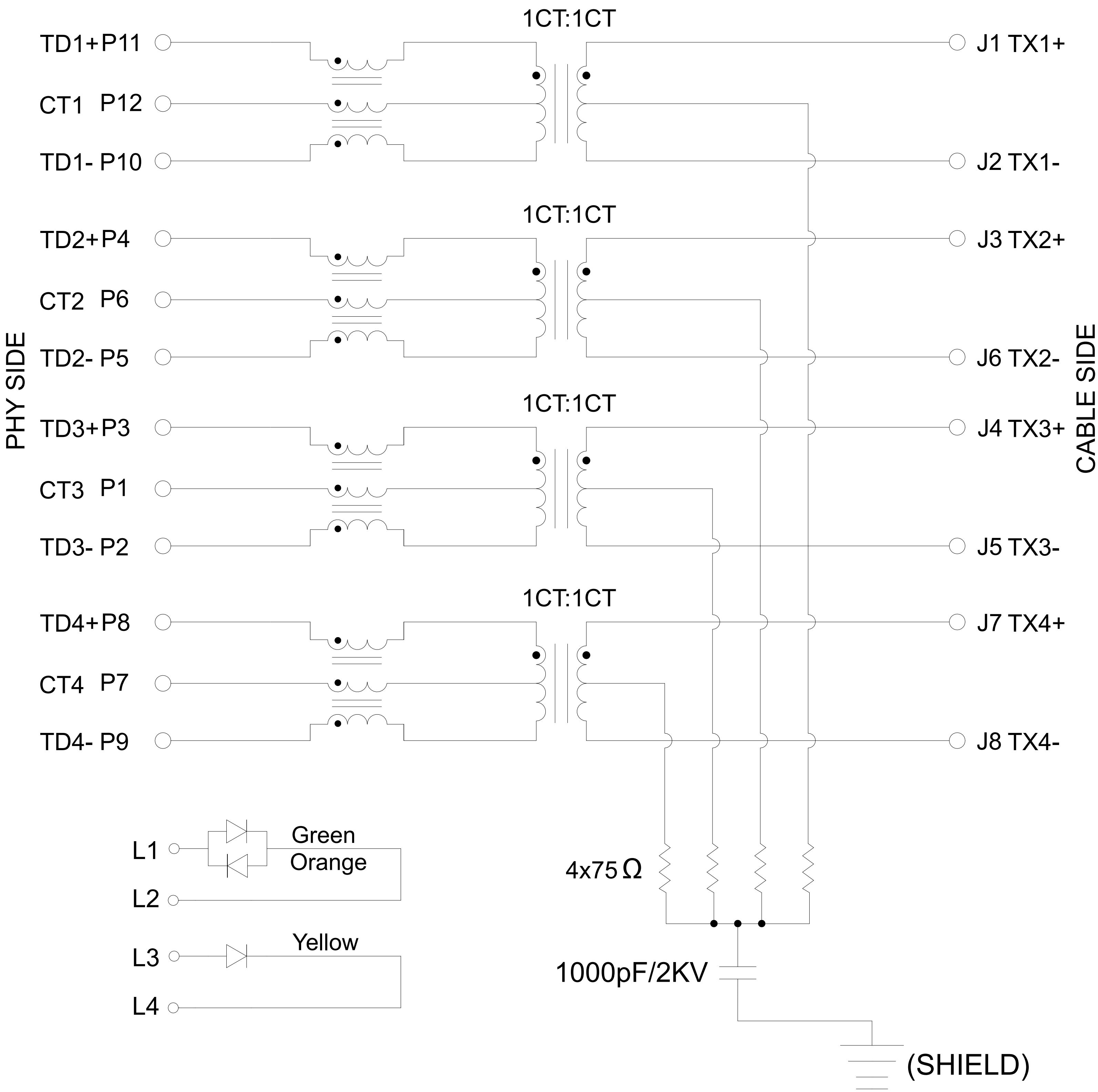


Dimension Tolerance:
All PCB LAYOUT
Tolerance:±0.05[.002]

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		
	TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME	
	0. PLC ± 0.10 1. PLC ± 0.25 2. PLC ± 0.25 3. PLC ± 0.25 4. PLC ± 0.25 ANGLES ± 2		RJ45 1X1 Tab_Up/Through Hole 10/100/1000Base-T W/LED	
	MATERIAL -		RESTRICTED TO -	
FINISH -		PRODUCT SPEC 108-161443	SIZE CAGE CODE DRAWING NO	
		APPLICATION SPEC 114-161076	A1 00779 C=2489116	
		WEIGHT 0	CUSTOMER DRAWING	
		SCALE 1:1	SHEET 1 OF 2	
		REV A1		

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