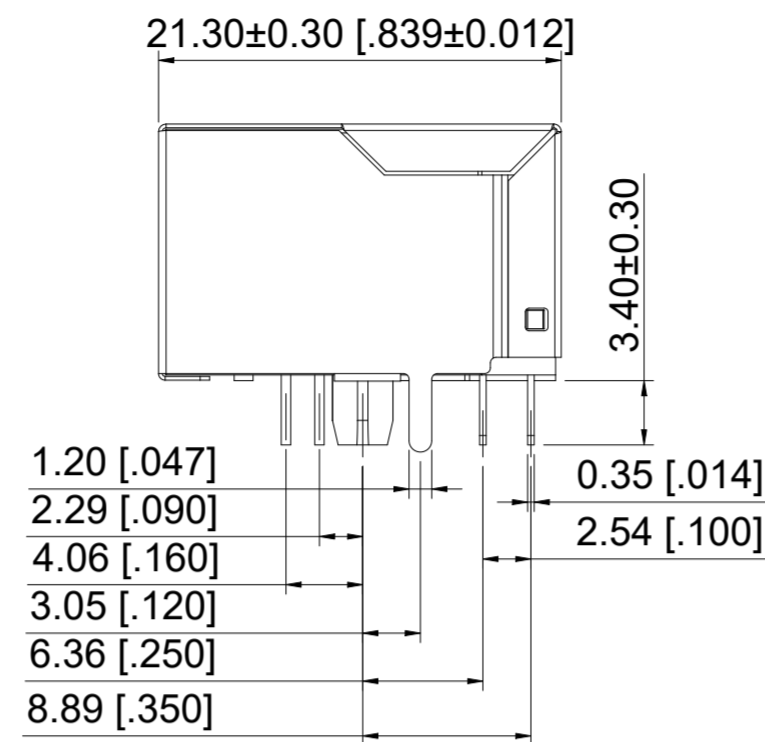
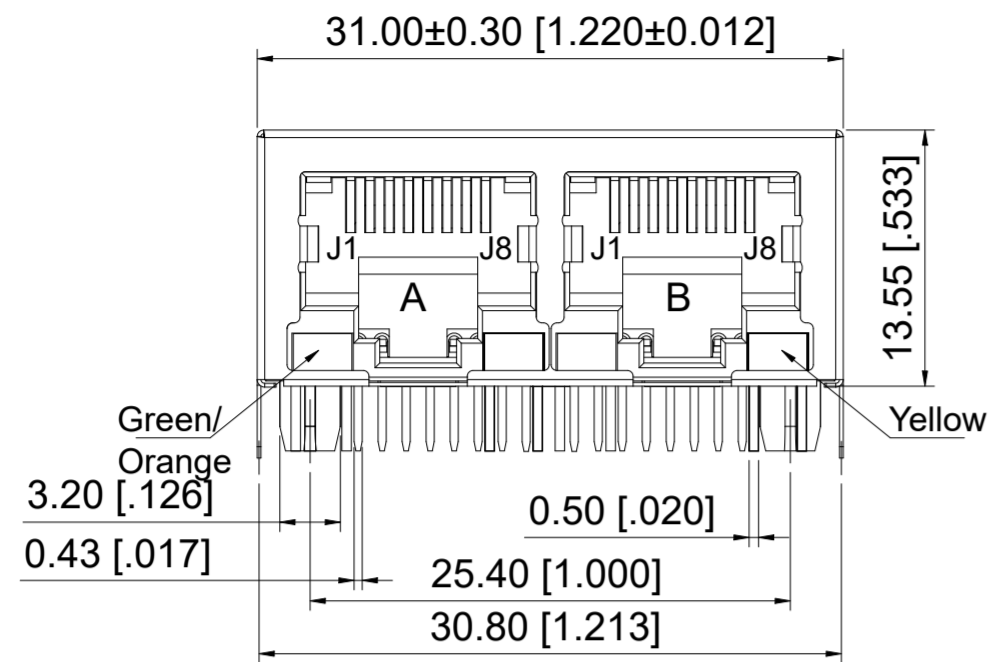
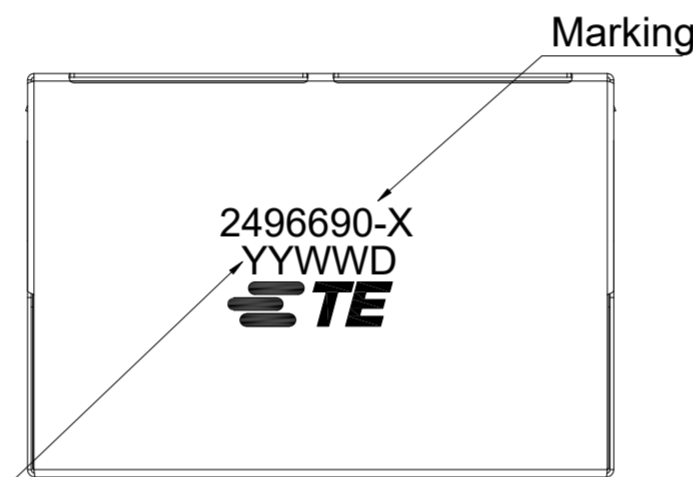
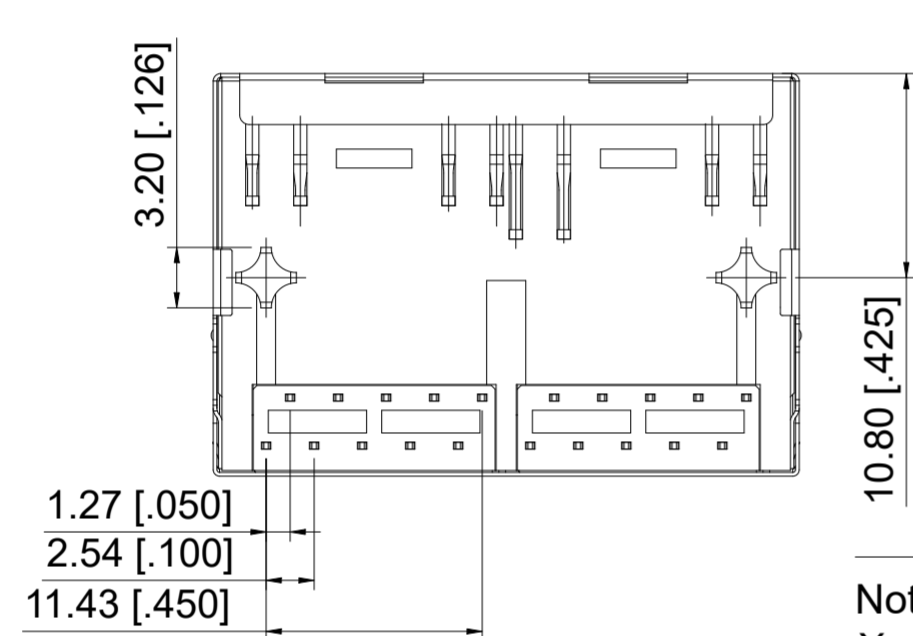


REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
A		REVISED PER ECN-25-302719	24JAN2025	TR	RCG

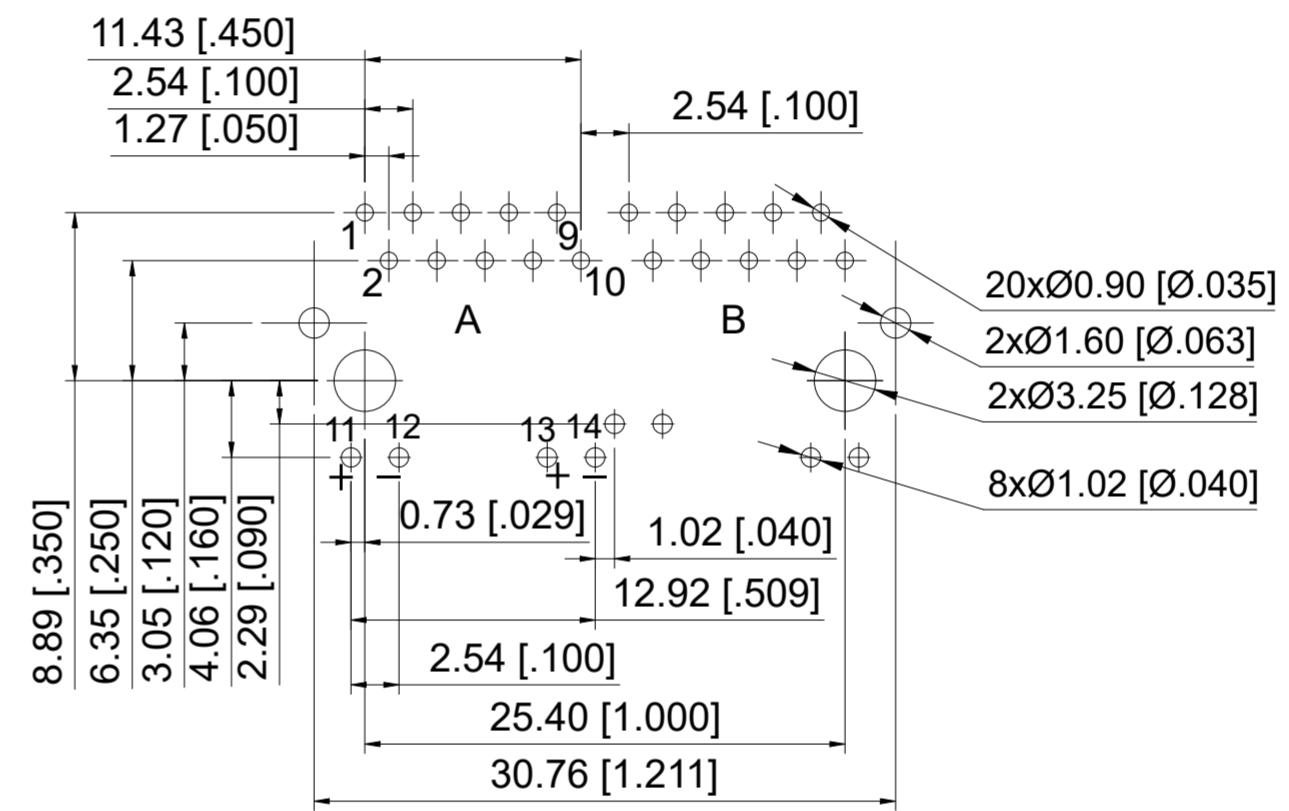


NOTE :

- 1.HOUSING:GLASS FILLED PA46(BLACK) UL94V-0(RoHS)
- 2.CONTACT: PHOSPHOR BRONZE,50 MICRINCHES MIN. OVERALL DUCTILE NICKEL UNDERPLATE WITH (REFER PART NUMBER TABLE) 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.

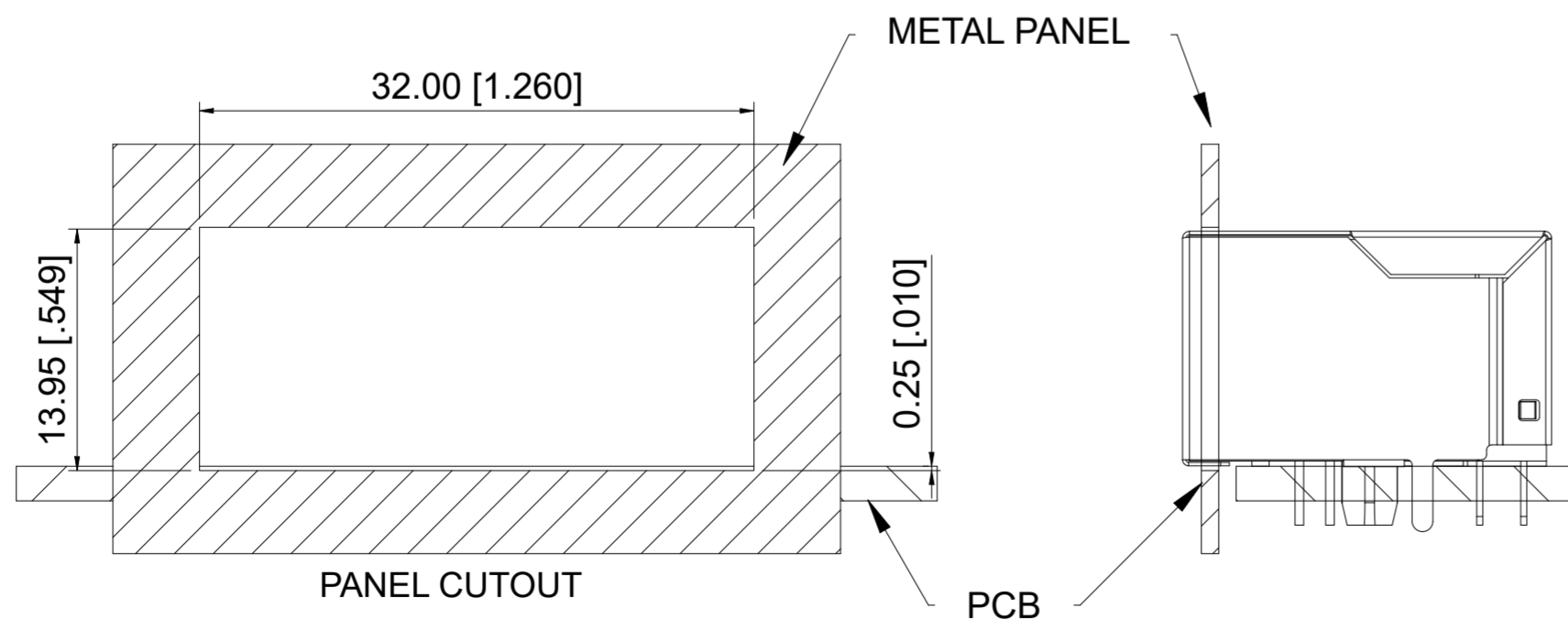


Note:  
 X= 1,2,3,4,5,6  
 YYWWD  
 YY=YEAR  
 WW=WEEK  
 D=1 for Sunday - 7 for Saturday



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

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

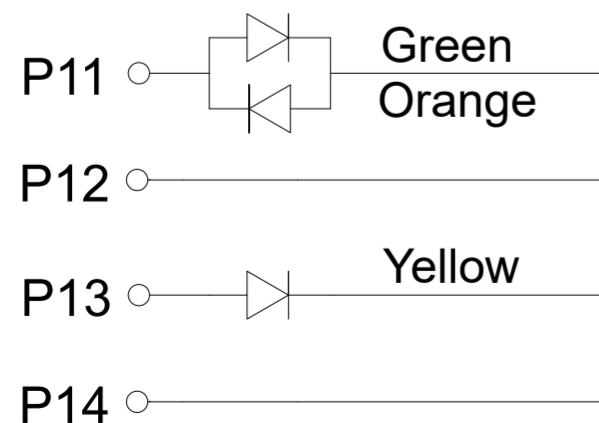
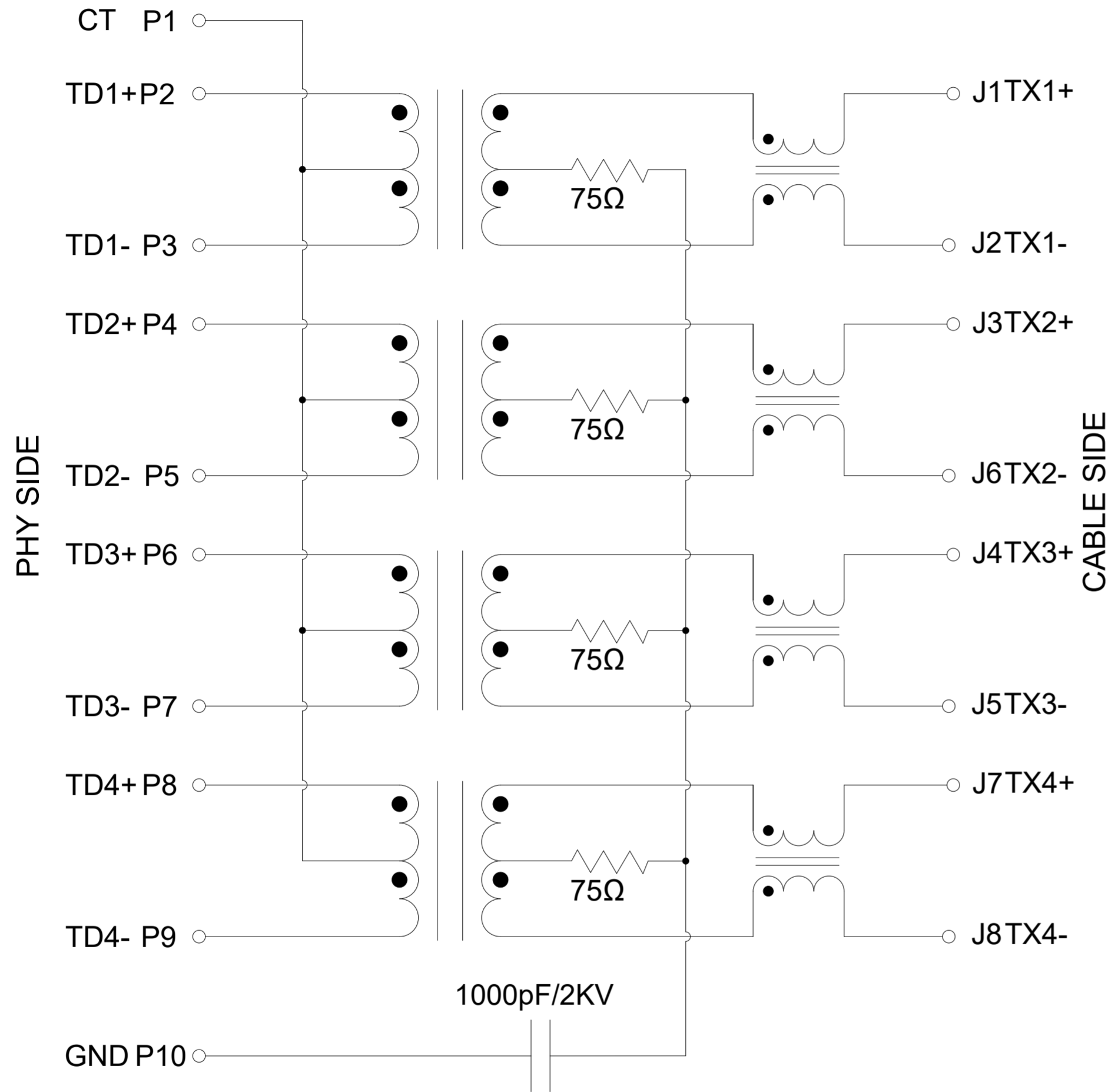


GF	2496690-6
0.0762 μm [3μ"]	2496690-5
0.1524 μm [6μ"]	2496690-4
0.381 μm [15μ"]	2496690-3
0.762 μm [30μ"]	2496690-2
1.27 μm [50μ"]	2496690-1
GOLD PLATING THICKNESS	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	TARUN, R	07NOV2024	TE Connectivity	
DIMENSIONS: mm [INCHES]		CHK	RAMESH, KIVADER	07NOV2024		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD	RAGHAVAN, CG	07NOV2024	NAME	
0 PLC ± -		PRODUCT SPEC		108-161620		SIZE
1 PLC ± 0.35		APPLICATION SPEC		114-161217		CAGE CODE
2 PLC ± 0.25				WEIGHT		DRAWING NO
3 PLC ± 0.15				CUSTOMER DRAWING		RESTRICTED TO
4 PLC ± -				SCALE		1:1
ANGLES ± 2°				SHEET		1 of 2
MATERIAL	FINISH			REV		A

P	LTR	DESCRIPTION	DATE	DWN	APVD
-	-	SEE SHEET 1	-	-	-

# Schematic



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

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN TARUN, R 07NOV2024		
DIMENSIONS: mm [INCHES]		CHK RAMESH, KIVADER 07NOV2024		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD RAGHAVAN, CG 07NOV2024	NAME RJ45 W/MAGNET 1X2 1G LED	
0 PLC ± - 1 PLC ± 0.35 2 PLC ± 0.25 3 PLC ± 0.15 4 PLC ± - ANGLES ± 2°		PRODUCT SPEC 108-161620	RESTRICTED TO	
MATERIAL		APPLICATION SPEC 114-161217	SIZE A2	CAGE CODE 00779
FINISH		WEIGHT -	DRAWING NO C=2496690	SCALE 1:1
		CUSTOMER DRAWING	SHEET 2 OF 2	REV A