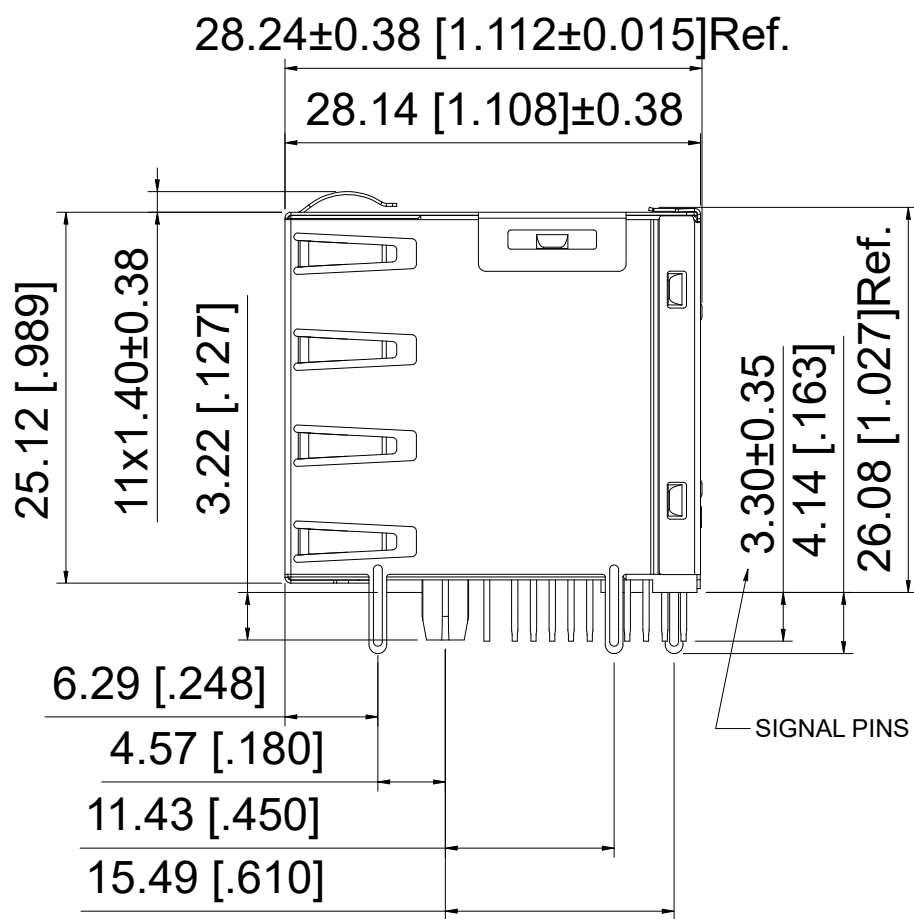
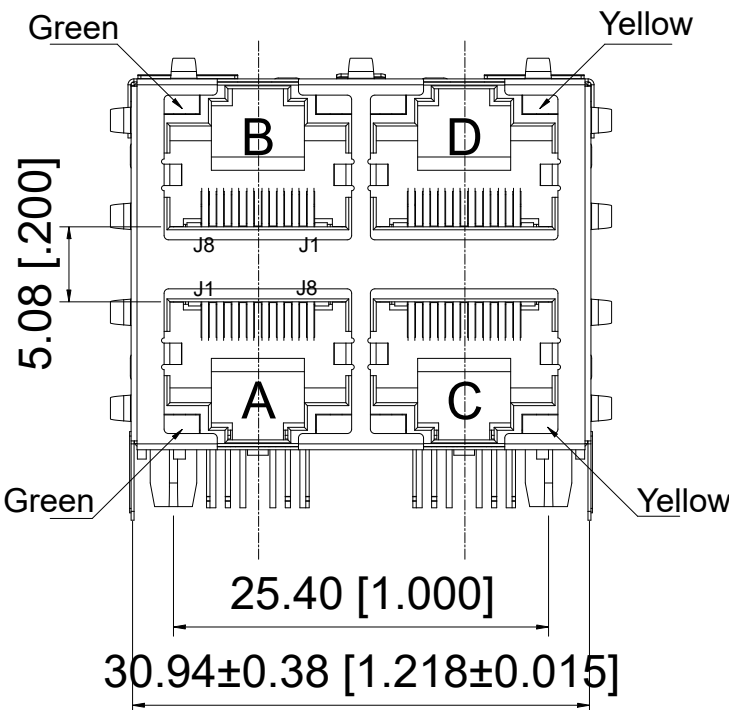
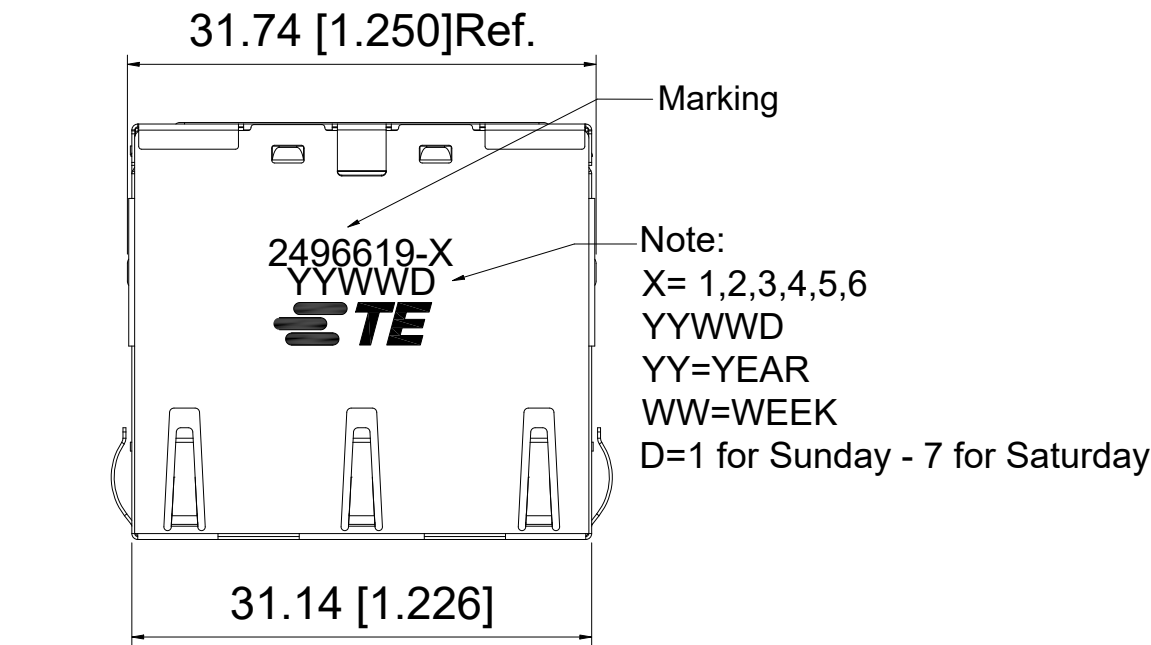
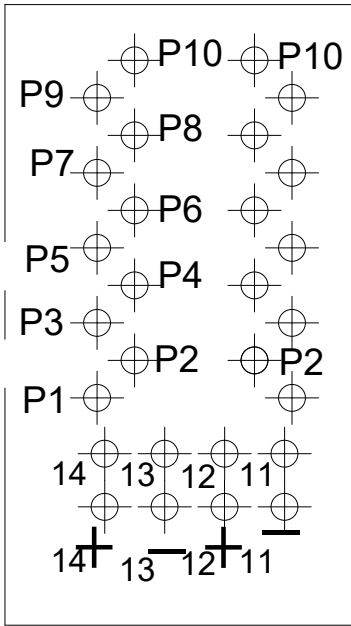


REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
A		REVISED PER ECN-25-302719	21JAN2025	TR	RCG

- NOTE :
- 1.HOUSING:GLASS FILLED PA46(BLACK) UL94V-0(RoHS)
 - 2.CONTACT: PHOSPHOR BRONZE,50 MICROINCHES 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.

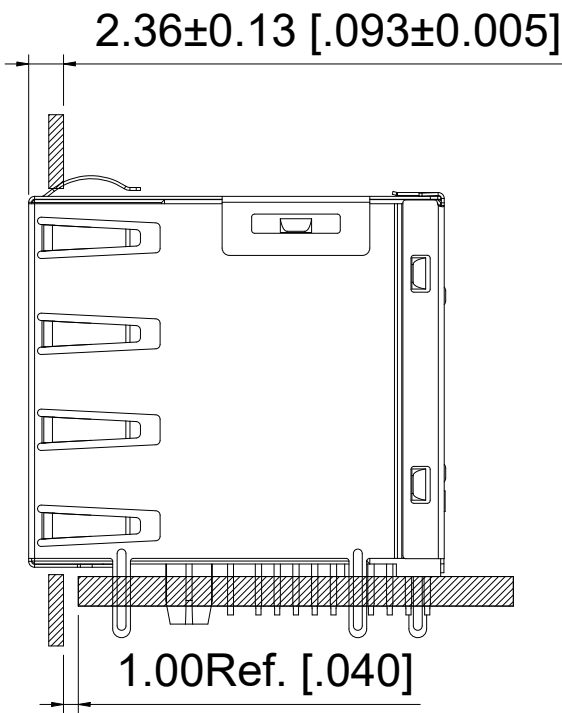
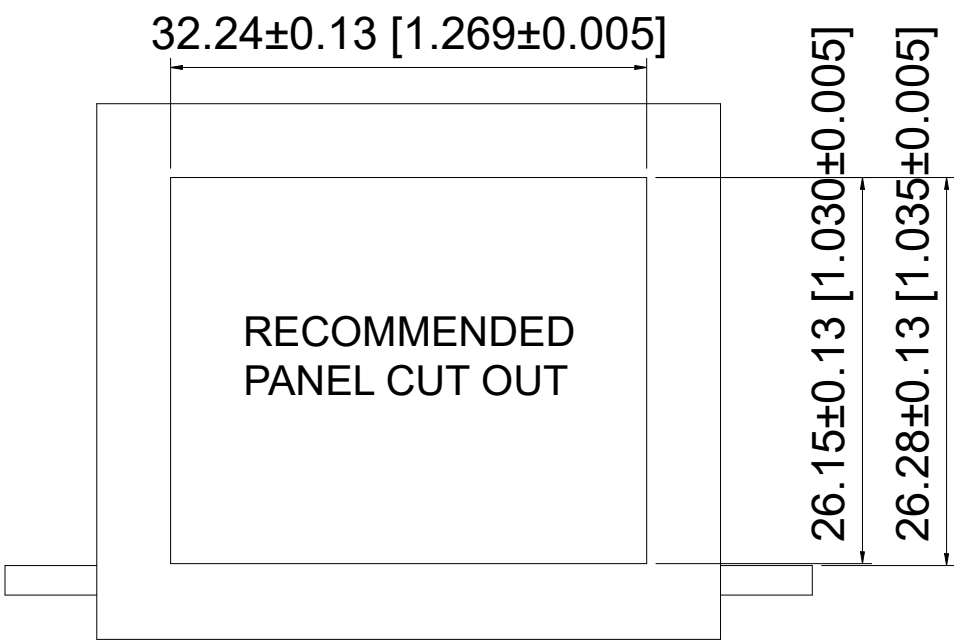
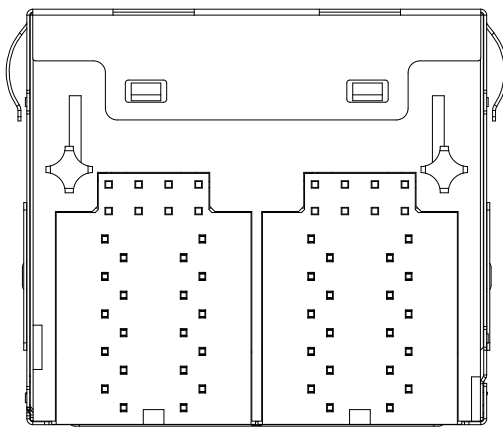
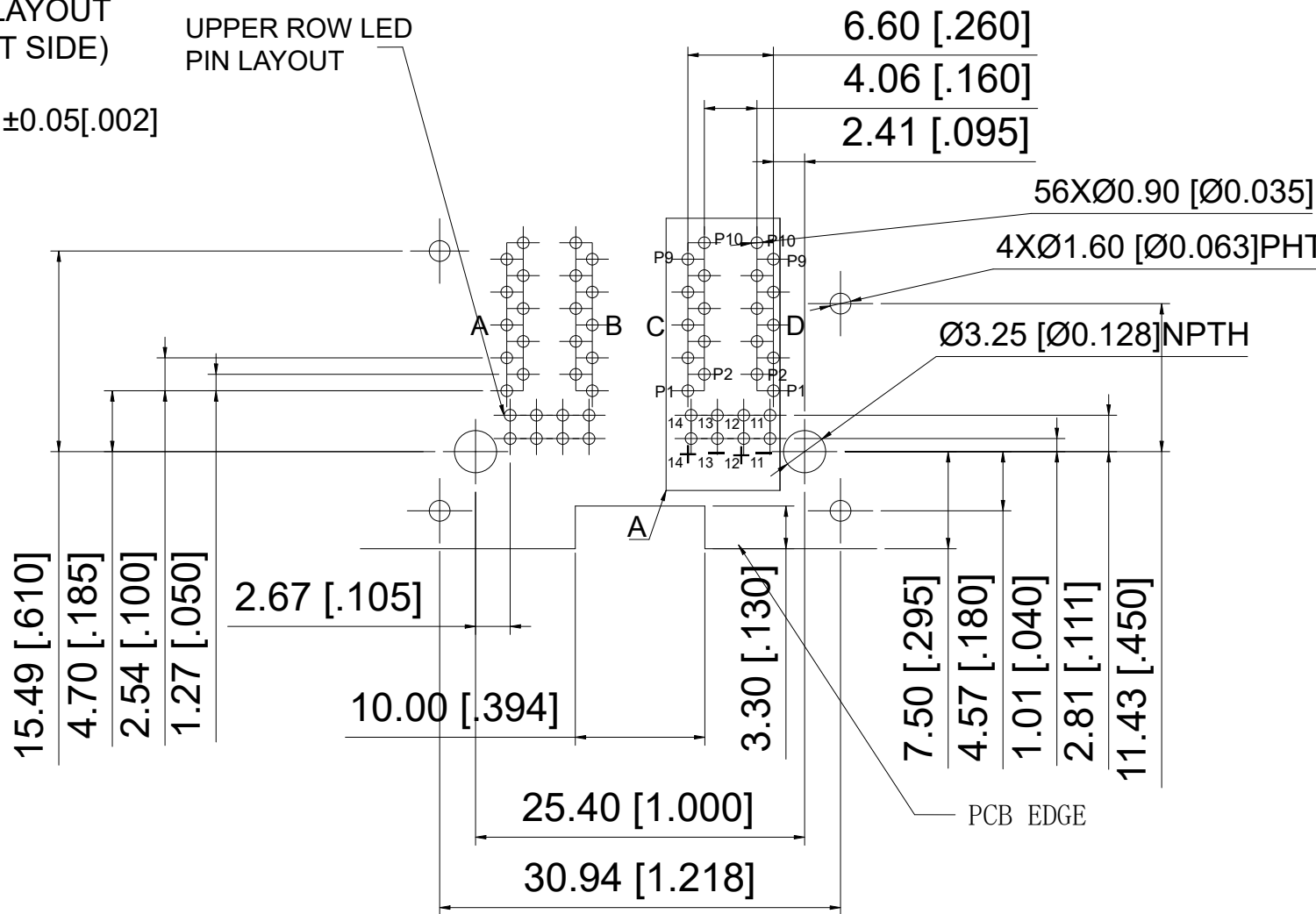


RECOMMENDED P.C.B LAYOUT
TOP VIEW (COMPONENT SIDE)
Dimension Tolerance:
PCB LAYOUT Tolerances:±0.05[.002]

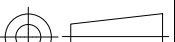


DETAIL A
SCALE 2:1

UPPER ROW LED
PIN LAYOUT

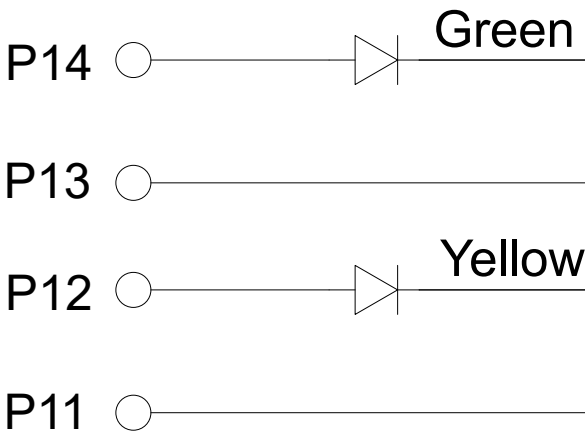
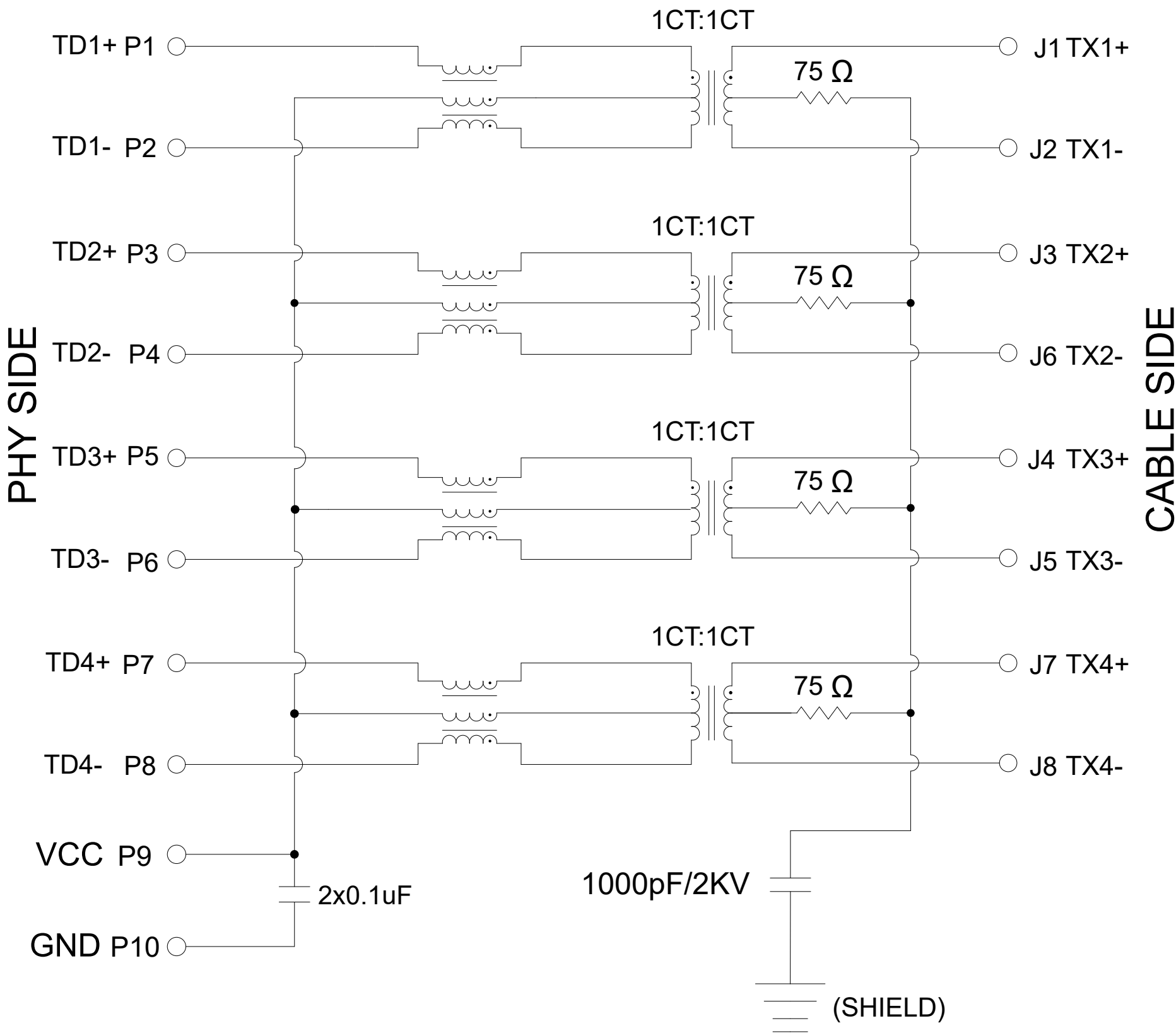


GF	2496619-6
0.0762 µm [3µ"]	2496619-5
0.1524 µm [6µ"]	2496619-4
0.381 µm [15µ"]	2496619-3
0.762 µm [30µ"]	2496619-2
1.27 µm [50µ"]	2496619-1
GOLD PLATING THICKNESS	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN TARUN,R 05NOV2024	 TE Connectivity				
		CHK RAMESH, KIVADER 05NOV2024					
DIMENSIONS: mm [INCHES]	TOLERANCES, UNLESS OTHERWISE SPECIFIED:	APVD RAGHAVAN, CG 05NOV2024	NAME RJ45 W/MAGNET 2x2 1G LED				
	0 PLC ± -	PRODUCT SPEC	SIZE A2				
	1 PLC ± 0.35	108-161620					
	2 PLC ± 0.25	APPLICATION SPEC					
	3 PLC ± 0.15	114-161217					
4 PLC ± -	WEIGHT -	CAGE CODE 00779		DRAWING NO C-2496619		RESTRICTED TO -	
MATERIAL -	FINISH -	CUSTOMER DRAWING		SCALE 1:1	SHEET 1 of 2	REV A	

REVISIONS					
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@1-100MHz;
COMMON MODE REJECTION RATIO	-30dB MIN@1-100MHz;
HI-POT	2250 VDC@60 SECONDS

LED SPECIFICATION			
STANDARD LED	WAVELENGTH	Farward V(max)	TYP
GREEN	570nm	2.6V	2.2V
YELLOW	590nm	2.6V	2.0V

*WITH A FORWARD CURRENT OF 20mA

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN TARUN,R 05NOV2024	TE Connectivity			
DIMENSIONS: mm [INCHES]		CHK RAMESH, KIVADER 05NOV2024				
		APVD RAGHAVAN, CG 05NOV2024	NAME RJ45 W/MAGNET 2x2 1G LED			
		PRODUCT SPEC 108-161620	-			
MATERIAL -		FINISH -	WEIGHT -		SIZE A2	CAGE CODE 00779
		CUSTOMER DRAWING		SCALE 1:1	SHEET 2 OF 2	REV A