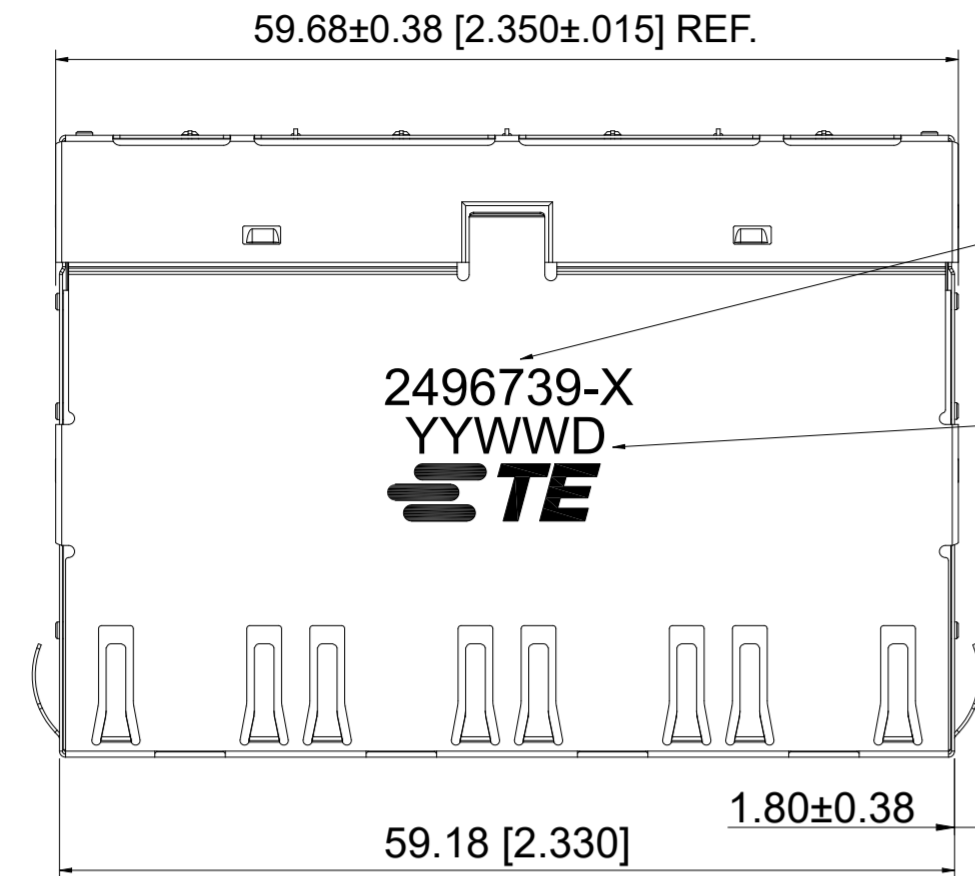


P	LTR	DESCRIPTION	DATE	DWN	APVD
A		REVISED PER ECN-25-301496	10JAN2025	TR	RCG

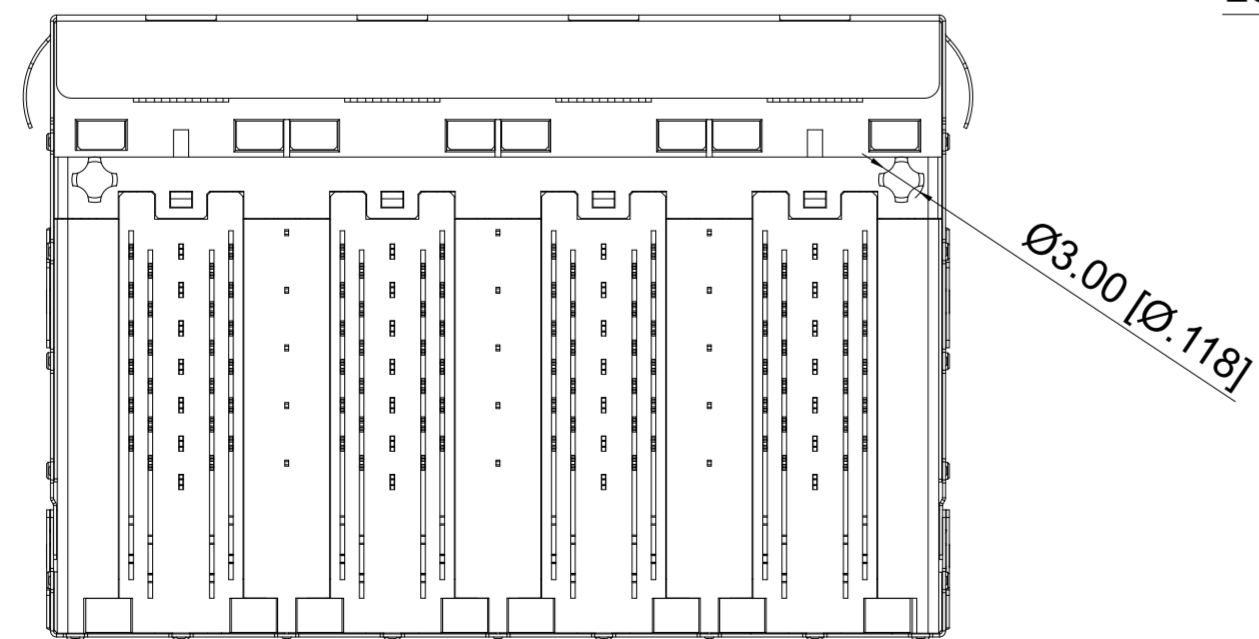
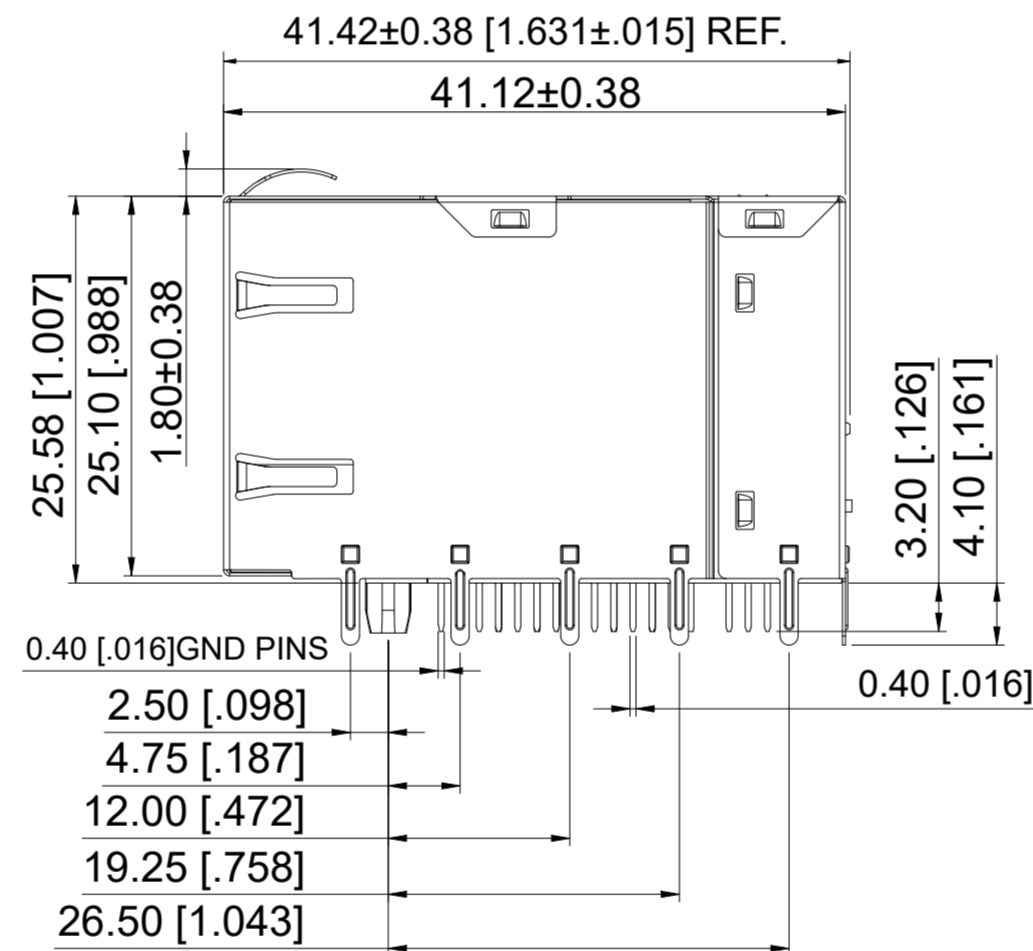
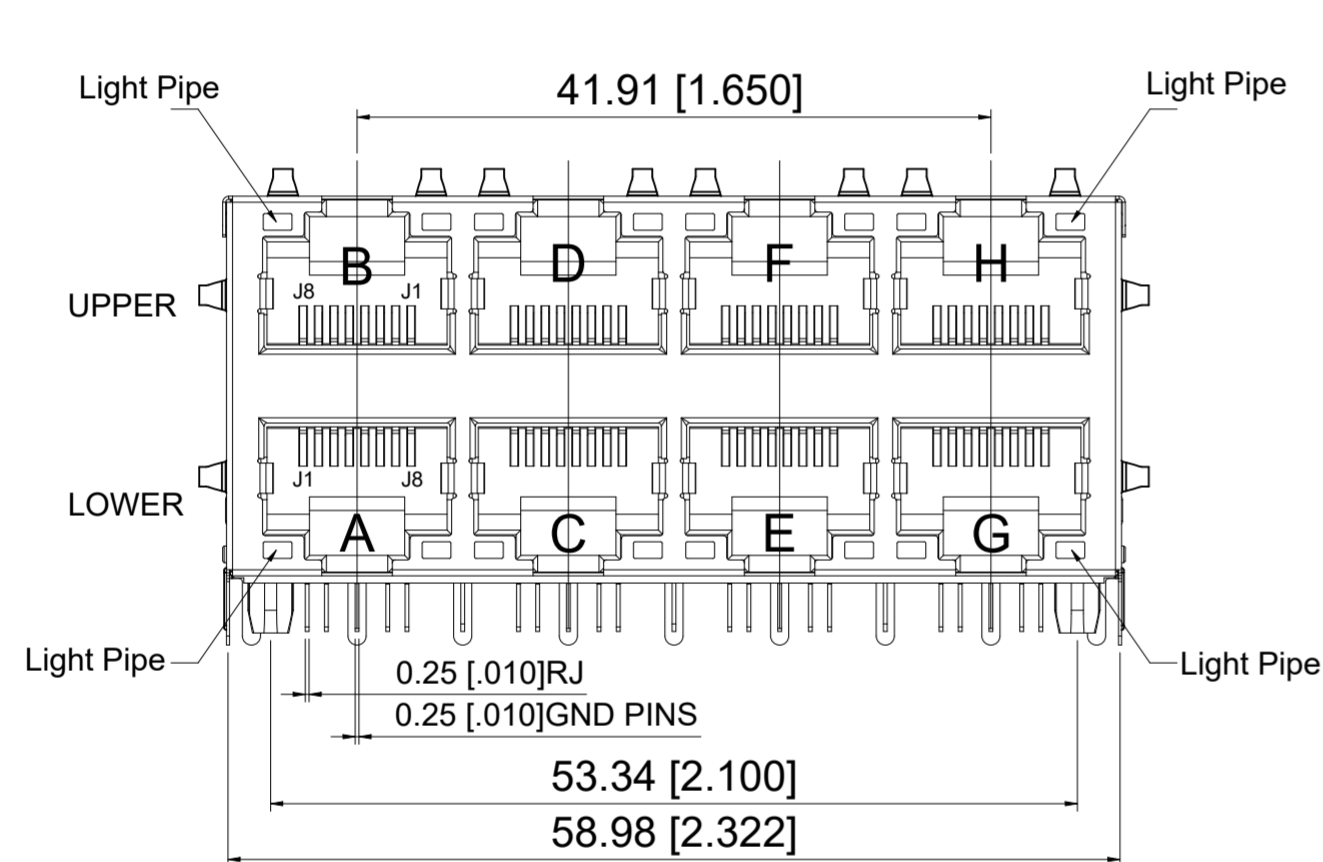


Marking

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

NOTE :

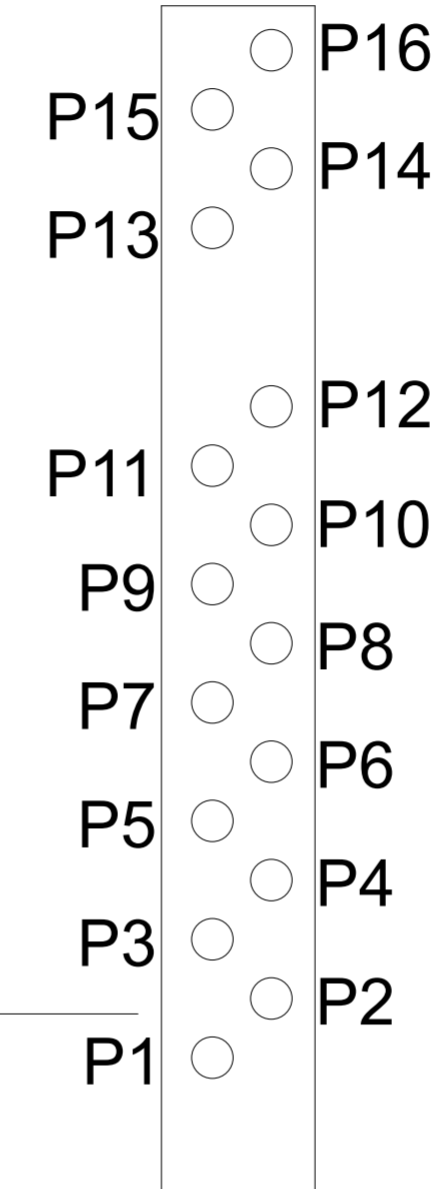
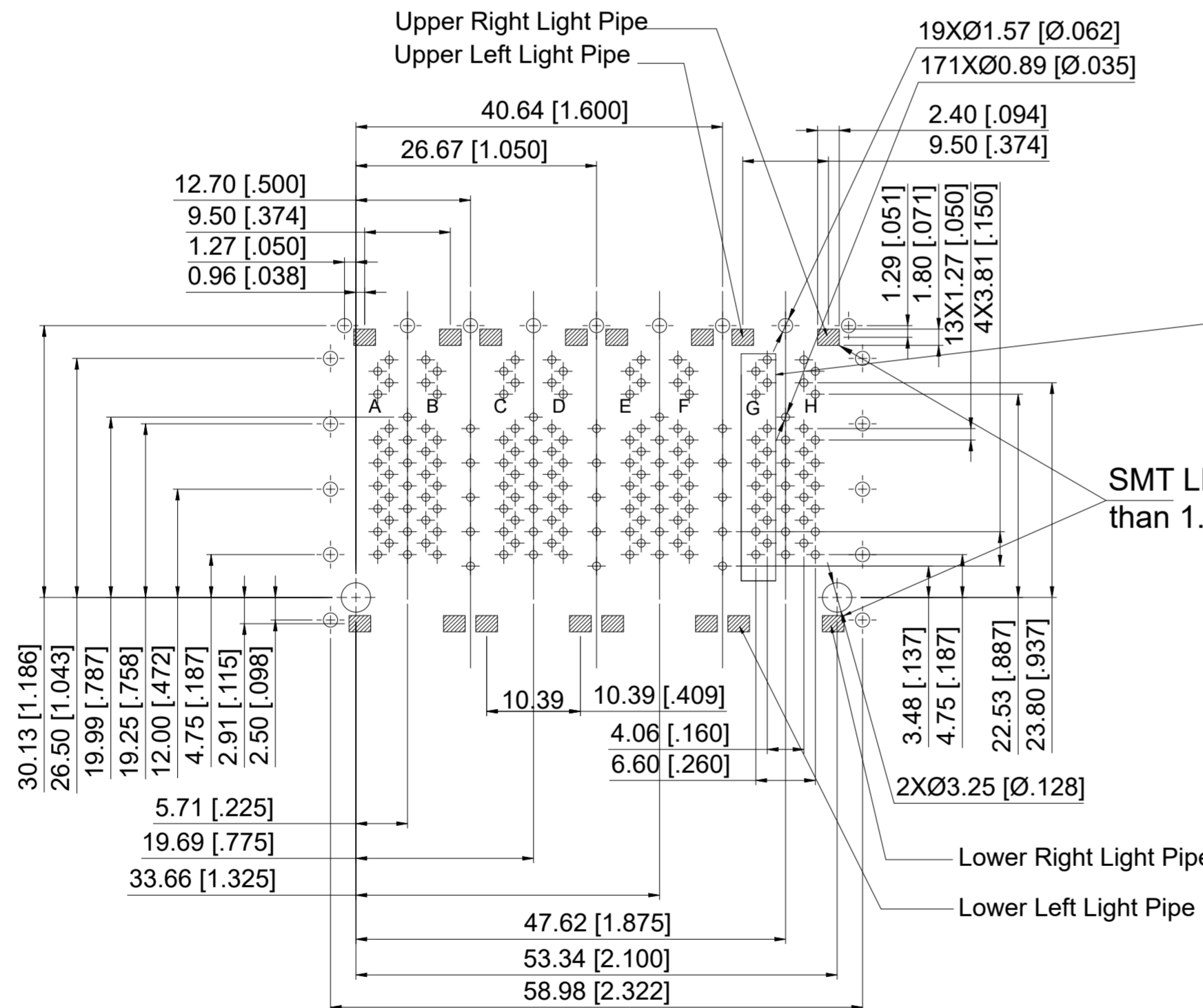
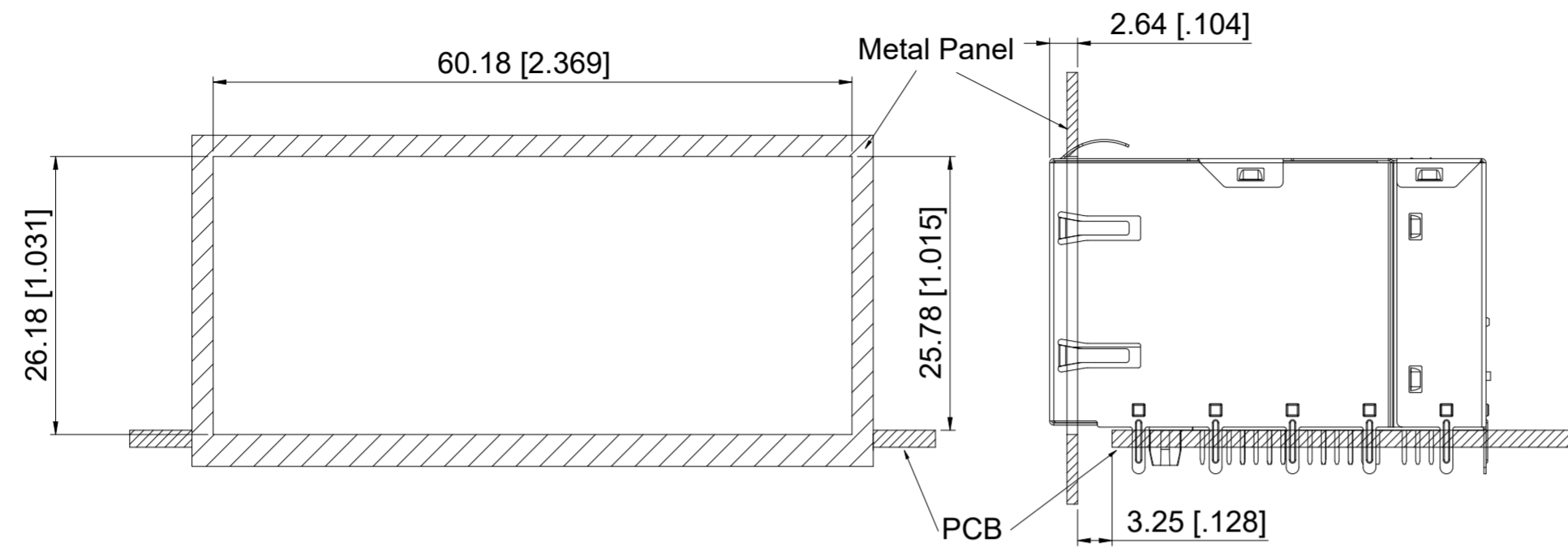
- 1.HOUSING:GLASS FILLED PA6T(BLACK) UL94V-0(RoHS)
- 2.CONTACT: PHOSPHOR BRONZE,50 MICROINCHES MIN. OVERALL DUCTILE NICKEL UNDERPLATE WITH (REFER PART NUMBER TABLE) GOLD AT MATING INTERFACE
- 3.SHIELD:0.2mm THICKNESS WITH BRASS.
- 4.JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS PART 68 SUBPART F
- 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.



GF	2496739-6
0.0762 μm [3μ"]	2496739-5
0.1524 μm [6μ"]	2496739-4
0.381 μm [15μ"]	2496739-3
0.762 μm [30μ"]	2496739-2
1.27 μm [50μ"]	2496739-1
GOLD PLATING THICKNESS	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN TARUN, R 14NOV2024	TE Connectivity	
DIMENSIONS: mm [INCHES]		CHK RAMESH, KIVADER 15NOV2024		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD RAGHAVAN, CG 15NOV2024	NAME RJ45 W/MAGNET 2X4 10G POE 60W LIGHT PIPE	
0 PLC ± -		PRODUCT SPEC 108-161622	-	
1 PLC ± 0.35		APPLICATION SPEC 114-161219	-	
2 PLC ± 0.25		WEIGHT -	SIZE A2	CAGE CODE 00779
3 PLC ± 0.15		FINISH -	DRAWING NO C=2496739	RESTRICTED TO -
4 PLC ± -		CUSTOMER DRAWING	SCALE 1:1	SHEET 1 of 3
ANGLES ± 2°			REV A	

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



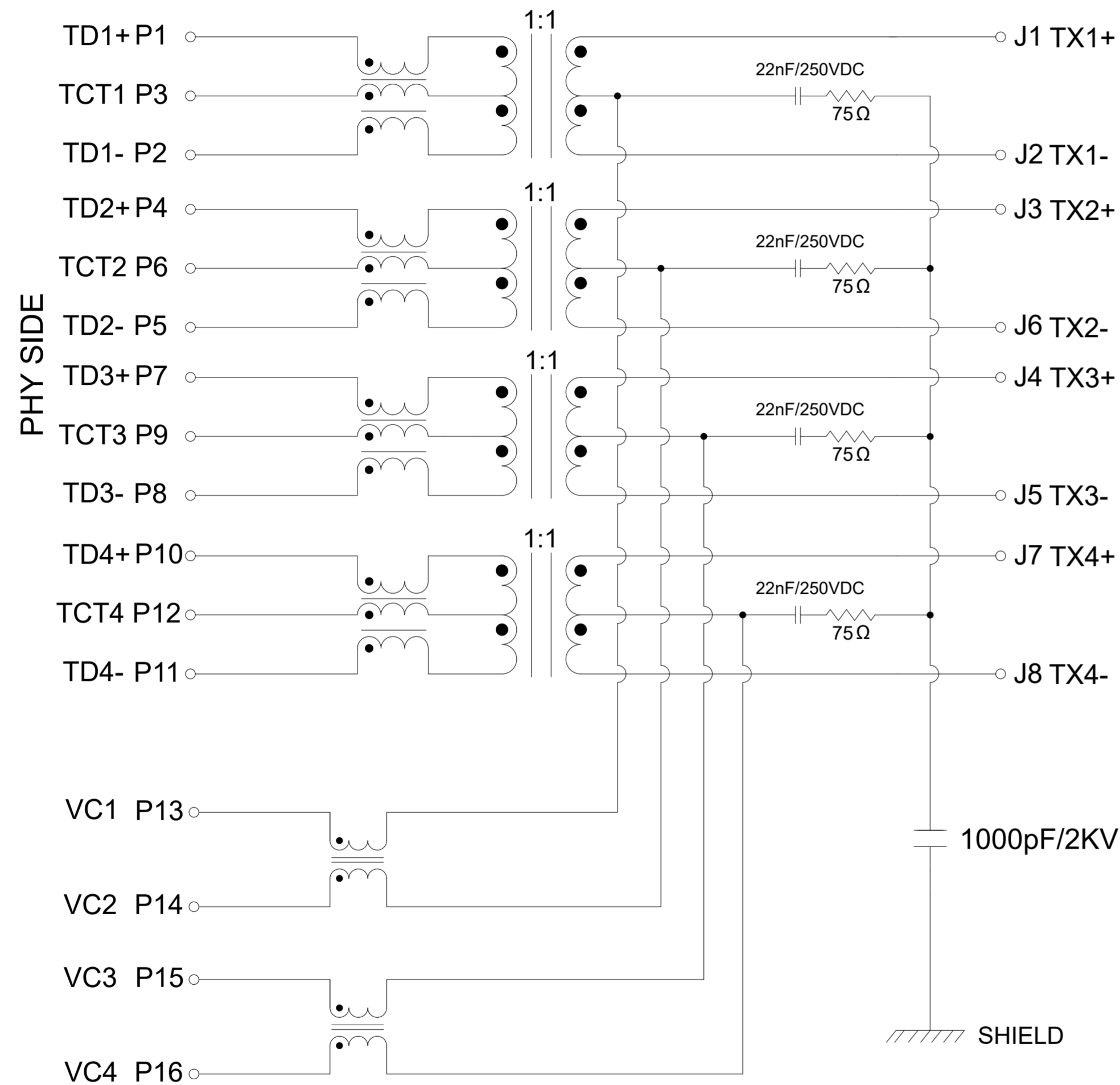
SMT LED position area, LED height is less than 1.60mm

RECOMMENDED P.C.B LAYOUT TOP VIEW (COMPONENT SIDE) Dimension Tolerance: PCB LAYOUT Tolerances:±0.05[0.002]

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN TARUN, R 14NOV2024		
DIMENSIONS: mm [INCHES]		CHK RAMESH, KIVADER 15NOV2024		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD RAGHAVAN, CG 15NOV2024	NAME RJ45 W/MAGNET 2X4 10G POE 60W LIGHT PIPE	
0 PLC ± -		PRODUCT SPEC 108-161622	SIZE A2	
1 PLC ± 0.35		APPLICATION SPEC 114-161219	CAGE CODE 00779	DRAWING NO C=2496739
2 PLC ± 0.25		MATERIAL -	WEIGHT -	RESTRICTED TO -
3 PLC ± 0.15		FINISH -	CUSTOMER DRAWING	SCALE 1:1
4 PLC ± -			SHEET 2 OF 3	REV A
ANGLES ± 2°				

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

Schematic



PARAMETER	SPECIFICATIONS
OPERATING TEMPERATURE	-40°C To +85°C
TURNS RATIO	1:1±2%
INDUCTANCE(OCL)	120uH MIN@100KHz/100mV With 15mA DC Bias For(Channel1/2/3/4)
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;
CROSSTALK (PORT TO PORT)	-50dBMIN@1-100MHz; -50dBMIN@100-500MHz;
COMMON MODE REJECTION RATIO	-30dBMIN@1-100MHz; -20dBMIN@100-500MHz;
COMMON MODE TO DIFFERENTIAL MODE ATTENUATION	-30dBMIN@1-100MHz; -20dBMIN@100-500MHz;
DC CURRENT/VOLTAGE RATING-PSE PINS	720mA MAXIMUM@57VDC(CONTINUOUS)
HI-POT	2250VDC@60 SECONDS(Channel1/2/3/4)

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN TARUN, R 14NOV2024		
DIMENSIONS: mm [INCHES]		CHK RAMESH, KIVADER 15NOV2024		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD RAGHAVAN, CG 15NOV2024	NAME RJ45 W/MAGNET 2X4 10G POE 60W LIGHT PIPE	
0 PLC ± - 1 PLC ± 0.35 2 PLC ± 0.25 3 PLC ± 0.15 4 PLC ± - ANGLES ± 2°		PRODUCT SPEC 108-161622	RESTRICTED TO	
MATERIAL		APPLICATION SPEC 114-161219	SIZE A2	CAGE CODE 00779
FINISH		WEIGHT -	DRAWING NO C=2496739	SCALE 1:1
		CUSTOMER DRAWING	SHEET 3 OF 3	REV A