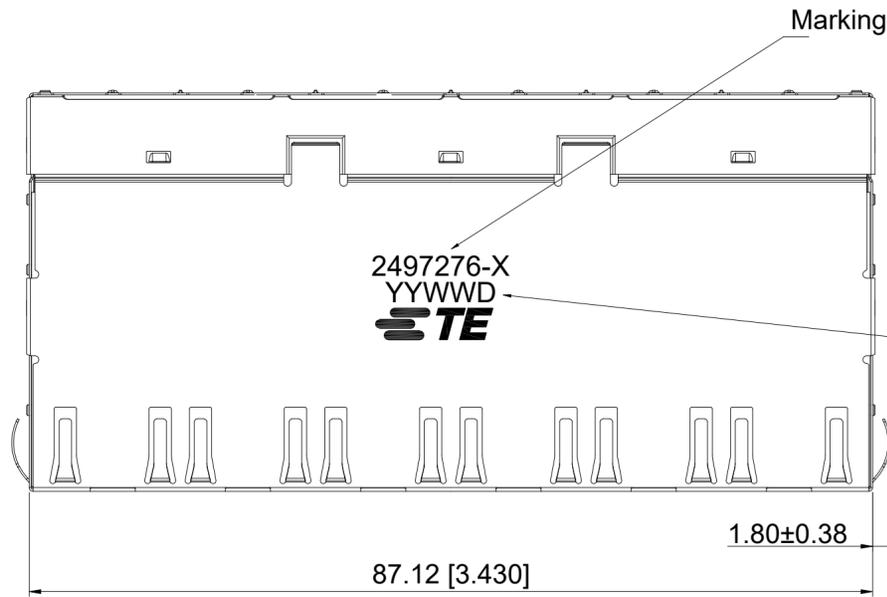


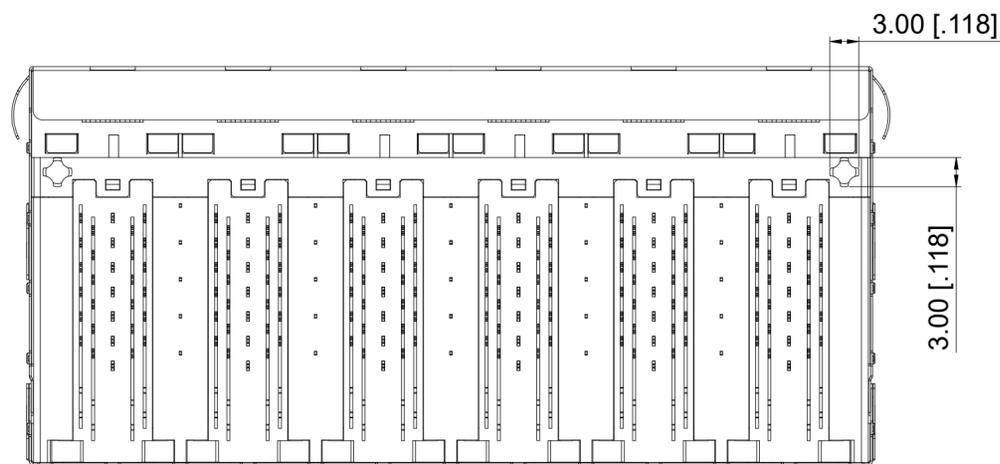
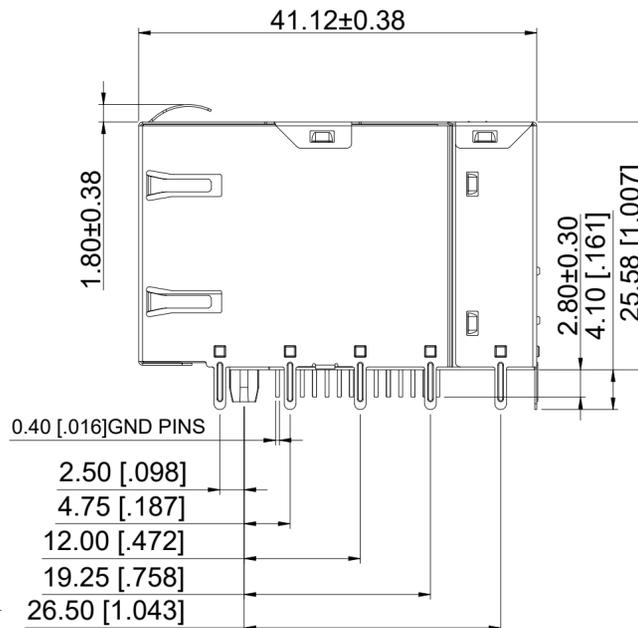
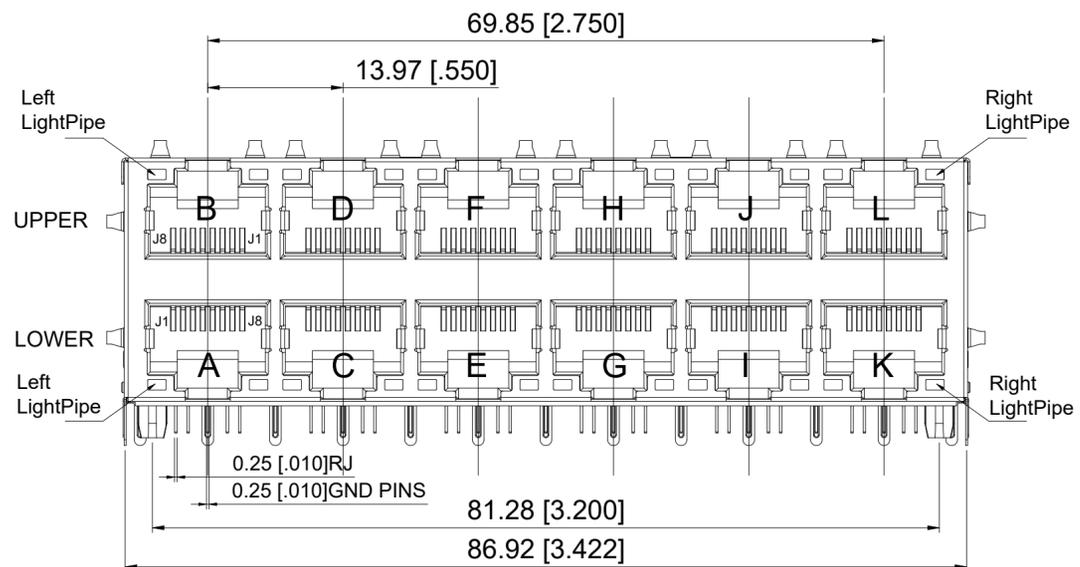
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
A		REVISED PER ECN-25-302719	24JAN2025	TR	RCG



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

NOTE :

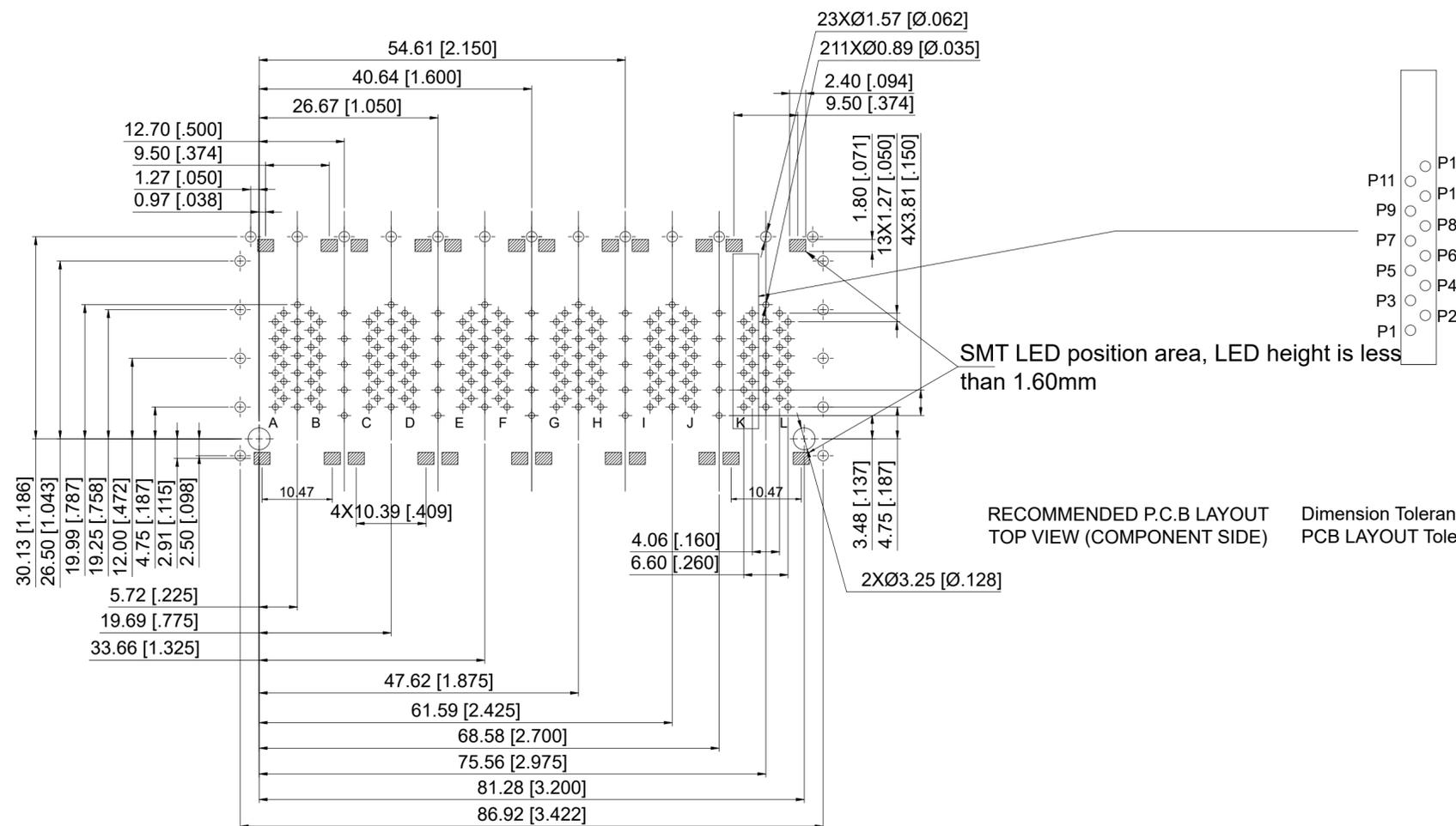
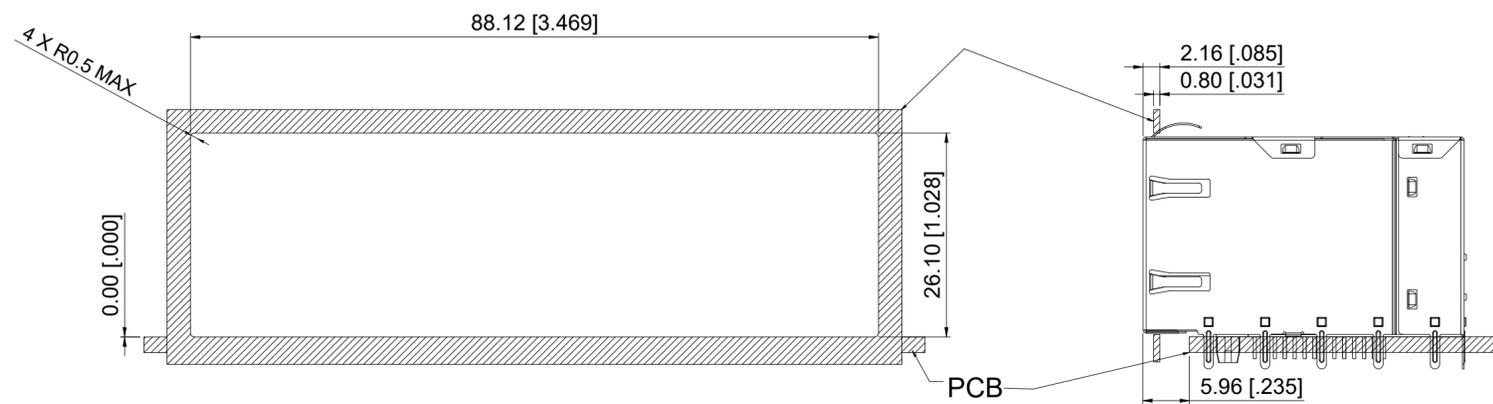
- 1.HOUSING:GLASS FILLED PA6T(BLACK) UL94V-0(RoHS)
- 2.CONTACT: PHOSPHOR BRONZE,50 MICRINCHES MIN. OVERALL DUCTILE NICKEL UNDERPLATE WITH (REFER PART NUMBER TABLE) GOLD AT MATING INTERFACE
- 3.SHIELD:0.2mm THICKNESS WITH BRASS.
- 4.JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS PART 68 SUBPART F
-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



GF	2497276-6
0.0762 μm [3μ"]	2497276-5
0.1524 μm [6μ"]	2497276-4
0.381 μm [15μ"]	2497276-3
0.762 μm [30μ"]	2497276-2
1.27 μm [50μ"]	2497276-1
GOLD PLATING THICKNESS	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	TARUN, R	27NOV2024	TE Connectivity
DIMENSIONS: mm [INCHES]		CHK	RAMESH, KIVADER	28NOV2024	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD	RAGHAVAN, CG	28NOV2024	
0 PLC ± - 1 PLC ± 0.35 2 PLC ± 0.25 3 PLC ± 0.15 4 PLC ± - ANGLES ± 2		PRODUCT SPEC	108-161620	NAME	
MATERIAL	FINISH	WEIGHT	114-161217	APPLICATION SPEC	-
-	-	-	114-161217	SIZE	A2
CUSTOMER DRAWING		SCALE	1:1	CAGE CODE	00779
		DRAWING NO	C=2497276	RESTRICTED TO	-
		SHEET	1 of 3	REV	A

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



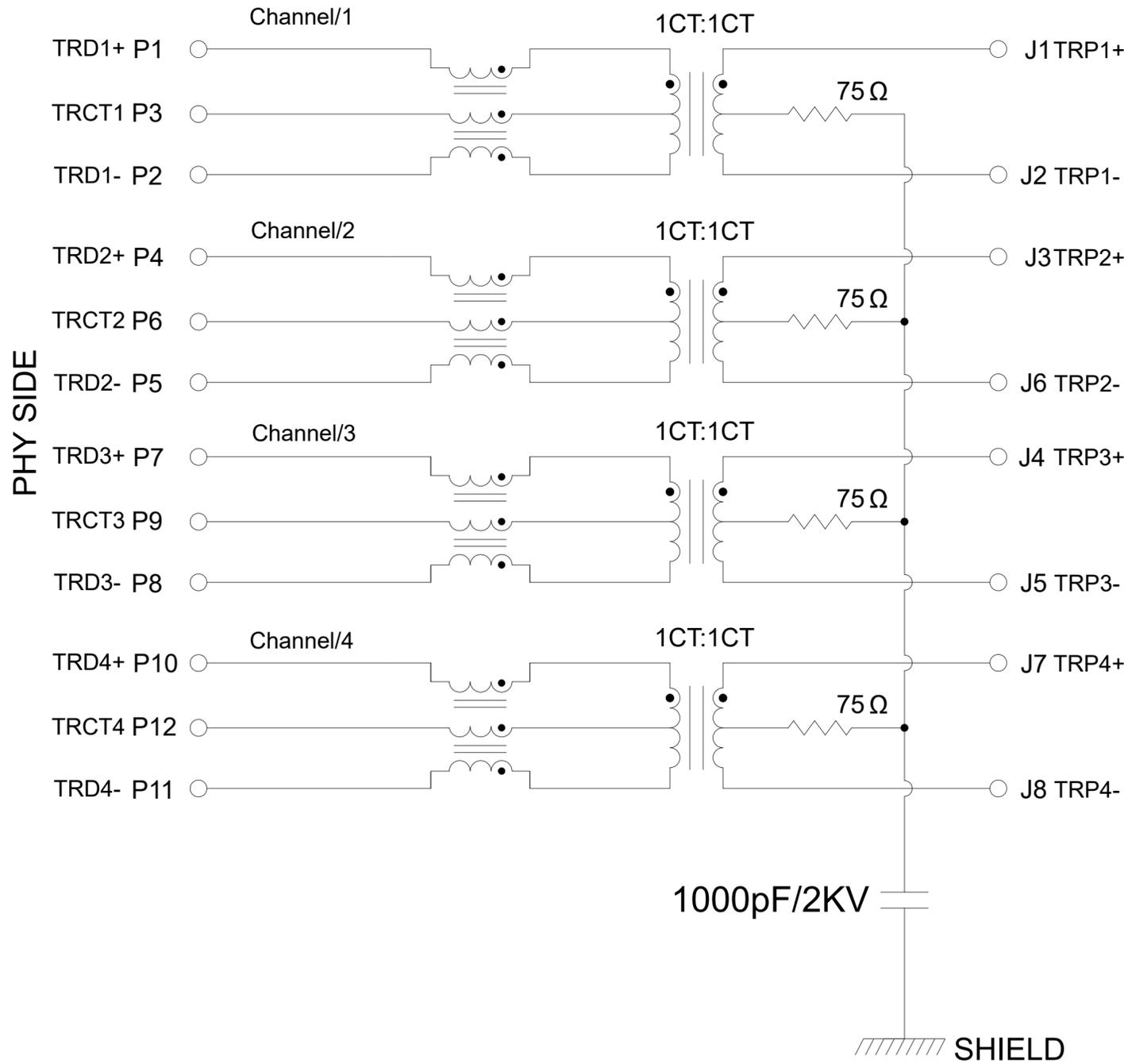
SMT LED position area, LED height is less than 1.60mm

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

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN TARUN, R 27NOV2024																				
DIMENSIONS: mm [INCHES]		CHK RAMESH, KIVADER 28NOV2024																				
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD RAGHAVAN, CG 28NOV2024	NAME RJ45 2X6/Through Hole 10G Base-T W/LightPipe																			
<table border="0"> <tr><td>0 PLC</td><td>±</td><td>-</td></tr> <tr><td>1 PLC</td><td>±</td><td>0.35</td></tr> <tr><td>2 PLC</td><td>±</td><td>0.25</td></tr> <tr><td>3 PLC</td><td>±</td><td>0.15</td></tr> <tr><td>4 PLC</td><td>±</td><td>-</td></tr> <tr><td>ANGLES</td><td>±</td><td>2</td></tr> </table>		0 PLC	±	-	1 PLC	±	0.35	2 PLC	±	0.25	3 PLC	±	0.15	4 PLC	±	-	ANGLES	±	2	PRODUCT SPEC 108-161620	RESTRICTED TO	
0 PLC	±	-																				
1 PLC	±	0.35																				
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4 PLC	±	-																				
ANGLES	±	2																				
MATERIAL		APPLICATION SPEC 114-161217	SIZE A2	CAGE CODE 00779																		
FINISH		WEIGHT -	DRAWING NO C=2497276	SCALE 1:1																		
CUSTOMER DRAWING			SHEET 2 OF 3	REV A																		

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 8mA 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;
HI-POT	2250VDC@60 SECONDS(Channel1/2/3/4)

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN TARUN, R 27NOV2024		
DIMENSIONS: mm [INCHES]		CHK RAMESH, KIVADER 28NOV2024		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD RAGHAVAN, CG 28NOV2024	NAME RJ45 2X6/Through Hole 10G Base-T W/LightPipe	
0 PLC ± -		PRODUCT SPEC 108-161620	RESTRICTED TO	
1 PLC ± 0.35		APPLICATION SPEC 114-161217	SIZE A2	CAGE CODE 00779
2 PLC ± 0.25		MATERIAL -	DRAWING NO C=2497276	SCALE 1:1
3 PLC ± 0.15		FINISH -	WEIGHT -	SHEET 3 OF 3
4 PLC ± -		CUSTOMER DRAWING		
ANGLES ± 2		REV A		