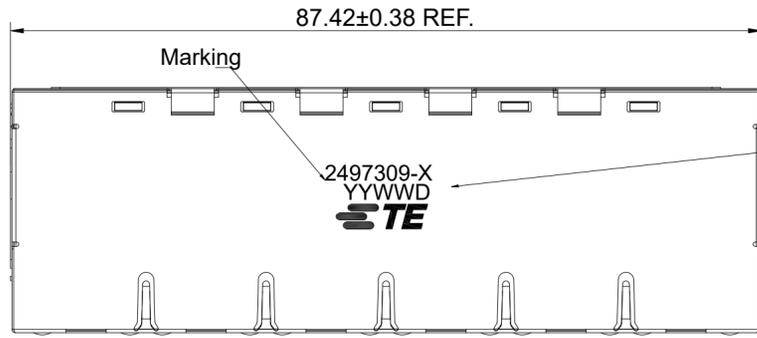
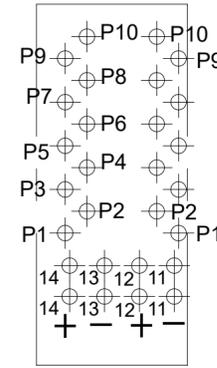


REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
A		REVISED PER ECN-25-302719	21JAN2025	TR	RCC



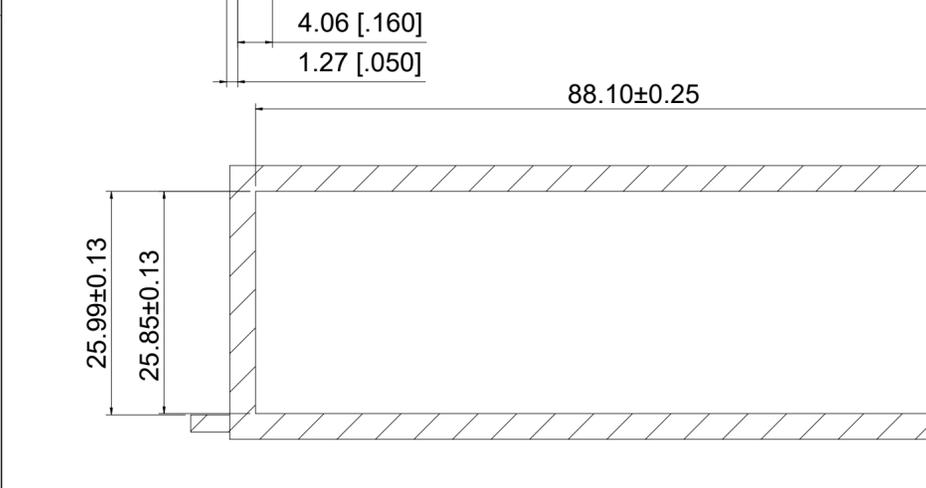
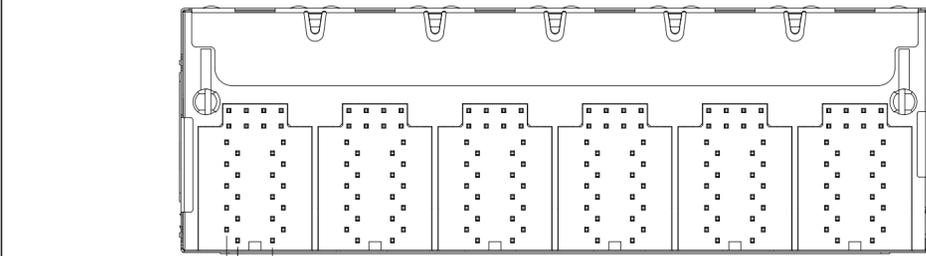
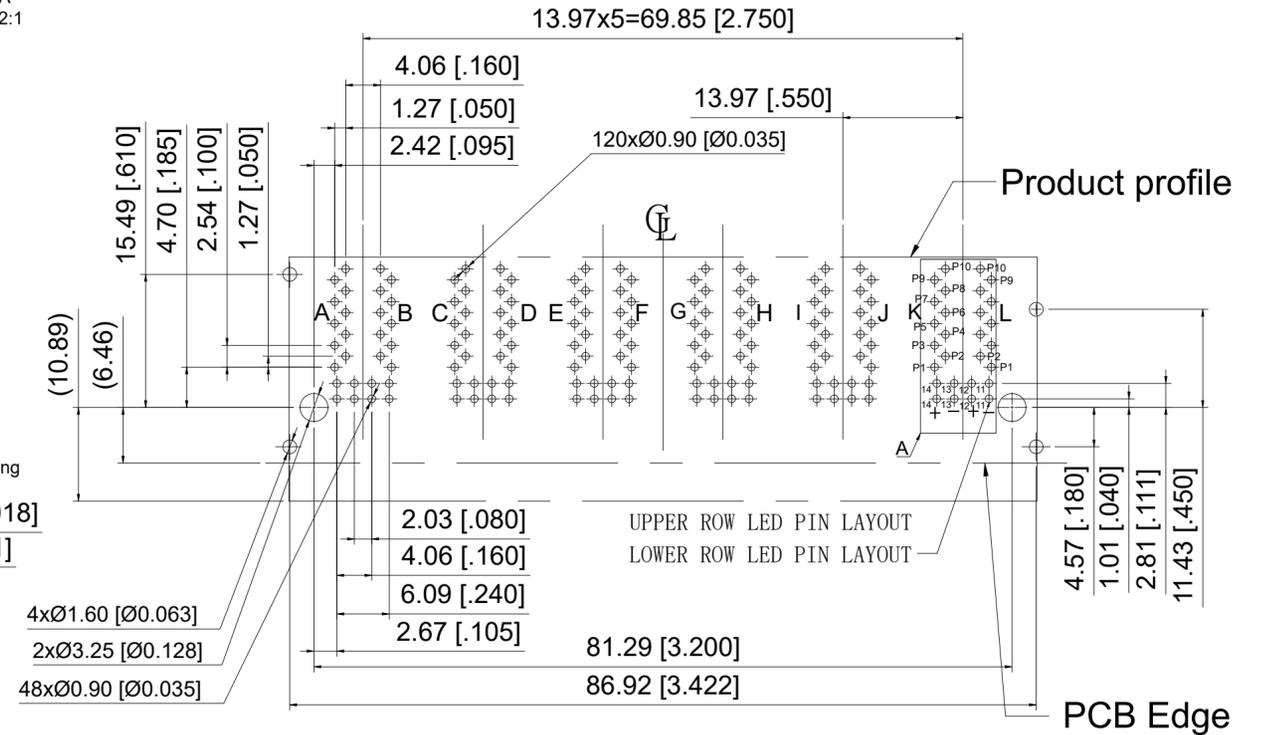
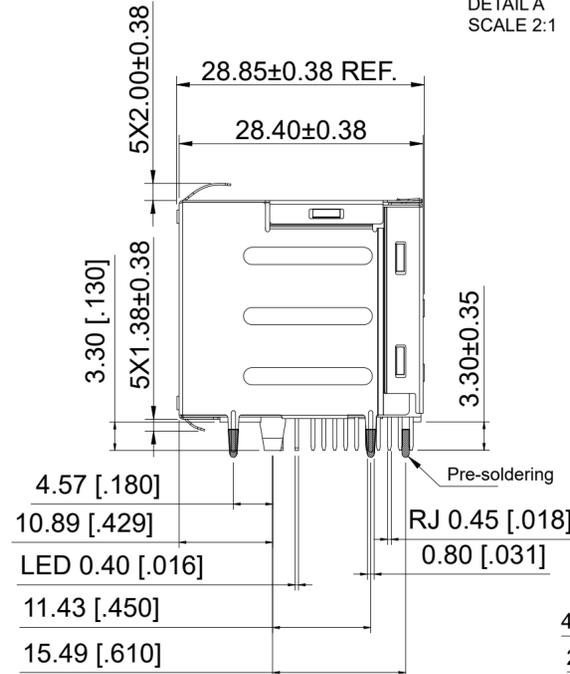
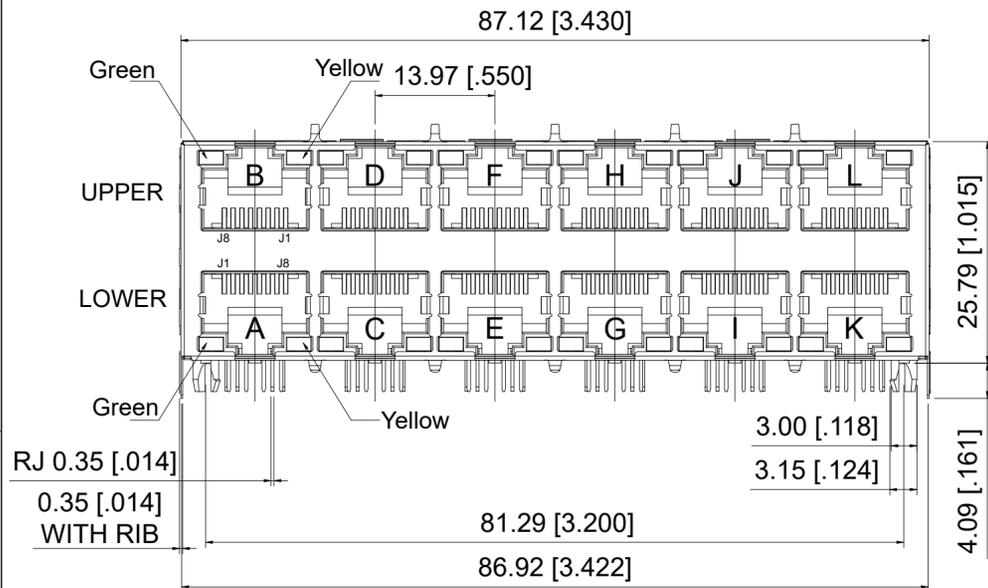
Note:
 X= 1, 2,3,4,5,6
 YYWWDD
 YY=YEAR
 WW=WEEK
 D=1 for Sunday - 7 for Saturday



DETAIL A
SCALE 2:1

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 STAINLESS.
- 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.

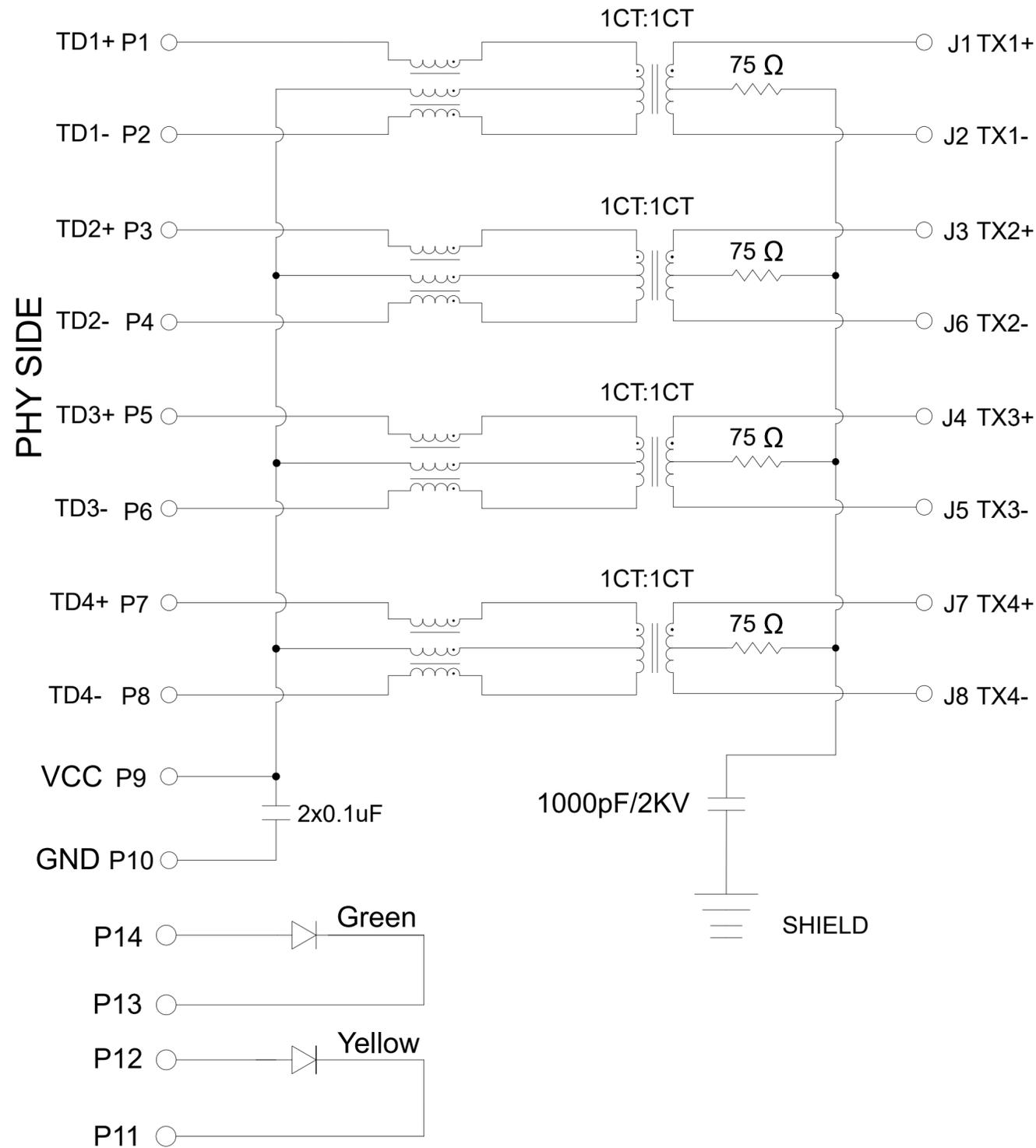


GF	2497309-6
0.0762 µm [3µ"]	2497309-5
0.1524 µm [6µ"]	2497309-4
0.381 µm [15µ"]	2497309-3
0.762 µm [30µ"]	2497309-2
1.27 µm [50µ"]	2497309-1
GOLD PLATING THICKNESS	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	TARUN, R	21NOV2024	TE Connectivity	
DIMENSIONS: mm [INCHES]		CHK	RAMESH, KIVADER	22NOV2024	RJ45 2X6/Through Hole/ 1000Base-T W/LED	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD	RAGHAVAN, CG	22NOV2024	SIZE	A2
0 PLC	± -	PRODUCT SPEC		108-161620	CAGE CODE	00779
1 PLC	± 0.35	APPLICATION SPEC		114-161217	DRAWING NO	C=2497309
2 PLC	± 0.25	MATERIAL		-	RESTRICTED TO	-
3 PLC	± 0.15	FINISH		-	SCALE	1:1
4 PLC	± -	CUSTOMER DRAWING		-	SHEET	1 of 2
ANGLES	± 2	WEIGHT		-	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)	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 21NOV2024					
DIMENSIONS: mm [INCHES]		CHK RAMESH, KIVADER 22NOV2024					
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD RAGHAVAN, CG 22NOV2024	NAME RJ45 2X6/Through Hole/ 1000Base-T W/LED				
0 PLC ± - 1 PLC ± 0.35 2 PLC ± 0.25 3 PLC ± 0.15 4 PLC ± - ANGLES ± 2		PRODUCT SPEC 108-161620	SIZE A2	CAGE CODE 00779	DRAWING NO C=2497309	RESTRICTED TO -	
MATERIAL -		FINISH -	WEIGHT -	SCALE 1:1		SHEET 2 OF 2	REV A
CUSTOMER DRAWING							