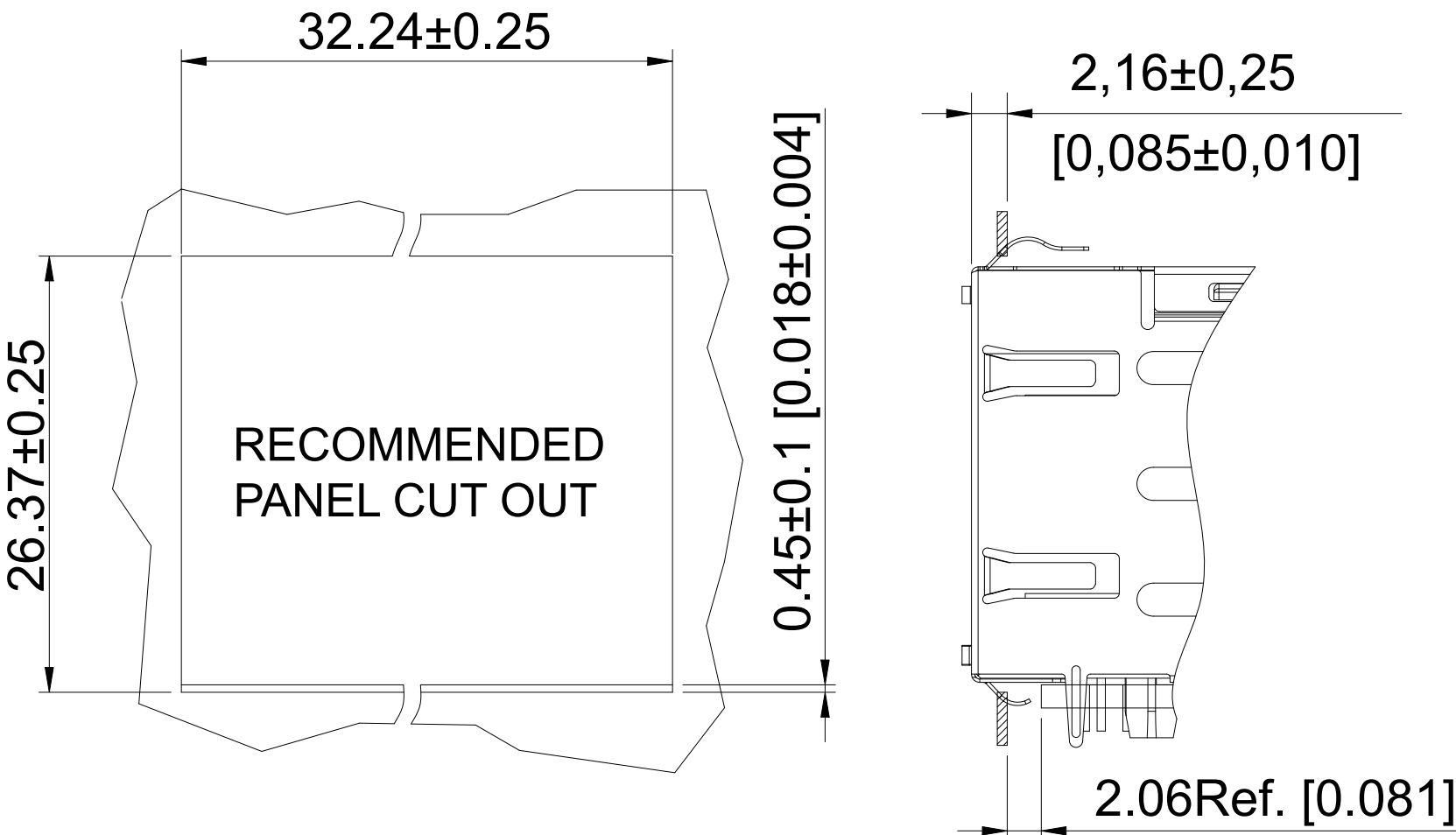
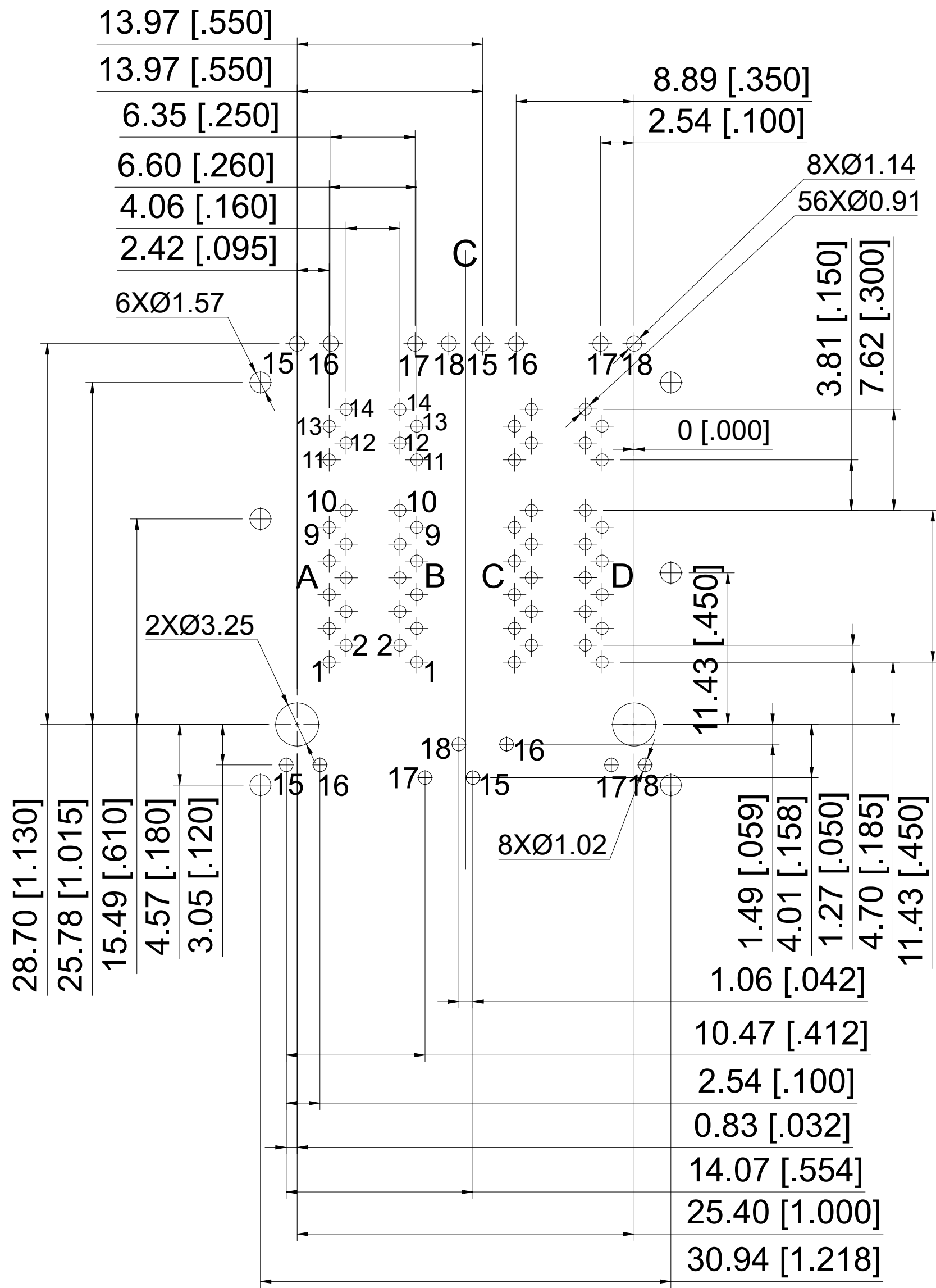


GF	2496691-6
0.0762 μm [3μ"]	2496691-5
0.1524 μm [6μ"]	2496691-4
0.381 μm [15μ"]	2496691-3
0.762 μm [30μ"]	2496691-2
1.27 μm [50μ"]	2496691-1
GOLD PLATING THICKNESS	PART NUMBER

- 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.

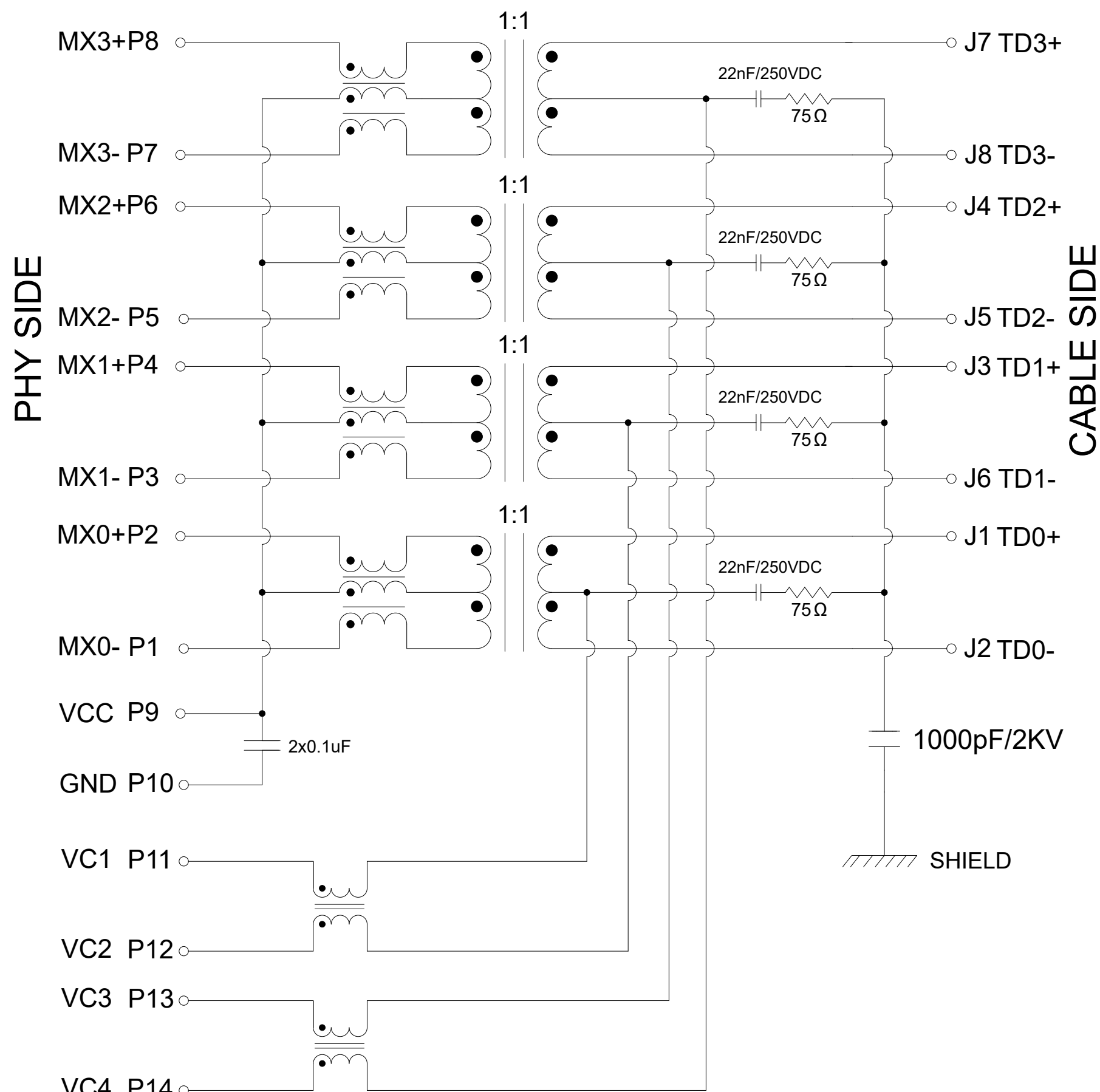
Downloaded from Arrow.com.

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



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN TARUN, R 07NOV2024	TE Connectivity			
DIMENSIONS: mm [INCHES]		CHK RAMESH, KIVADER 07NOV2024				
		APVD RAGHAVAN, CG 07NOV2024	NAME RJ45 W/MAGNET 2X2 2.5G POE 60W			
		PRODUCT SPEC 108-161622	-			
MATERIAL -		APPLICATION SPEC 114-161219	SIZE A2	CAGE CODE 00779	DRAWING NO C=2496691	RESTRICTED TO -
FINISH -		WEIGHT -	SCALE 1:1		SHEET 2 OF 3	REV A
		CUSTOMER DRAWING				

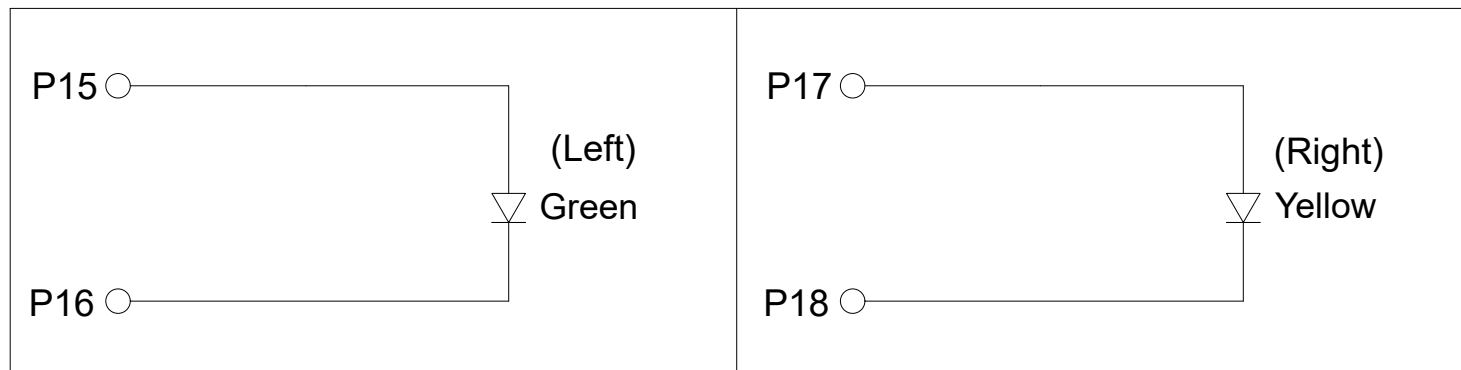
Schematic



PARAMETER	SPECIFICATIONS
OPERATING TEMPERATURE	-40°C To +85°C
TURNS RATIO	1:1±2%
OPEN CIRCUIT INDUCTANCE(OCL)	120uH MIN@100KHz/100mV With 19mA DC Bias For(CHANNEL1,2,3,4) 180uH MIN@100KHz/100mV With 8mA DC Bias For(CHANNEL1,2,3,4)
INSERTION LOSS(IL)	-1.0dB MAX@1MHz-100MHz; -1.5dB MAX@100MHz-125MHz;
RETURN LOSS(RL) (Z out=100 OHM)	-18dB MIN@1MHz-40MHz; -18+15LOG (f/40MHz)dB MIN@40MHz-200MHz;
CROSSTALK (ADJACENT CHANNELS)	-35dB MIN@1MHz-40MHz; -35+15LOG (f/40MHz)dB MIN@40MHz-125MHz;
COMMON MODE REJECTION RATIO(CMRR)	-30dB MIN@1MHz-200MHz;
COMMON TO DIFFERENTIAL MODE REJECTION(REF)	-35dB MIN@1MHz-125MHz;
DC CURRENT/VOLTAGE RATING-PSE PINS	720mA MAXIMUM@57VDC(CONTINUOUS)
HI-POT	2250VDC@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



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DIMENSIONS: mm [INCHES]		CHK RAMESH, KIVADER 07NOV2024			
		APVD RAGHAVAN, CG 07NOV2024	NAME		
		PRODUCT SPEC 108-161622	RJ45 W/MAGNET 2X2 2.5G POE 60W		
MATERIAL		APPLICATION SPEC 114-161219	SIZE A2	CAGE CODE 00779	DRAWING NO C=2496691
FINISH		WEIGHT -	RESTRICTED TO -		
CUSTOMER DRAWING			SCALE 1:1	SHEET 3 OF 3	REV A