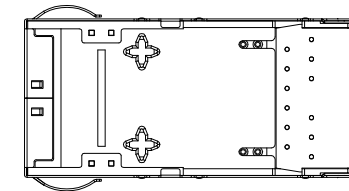
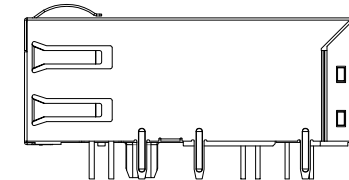
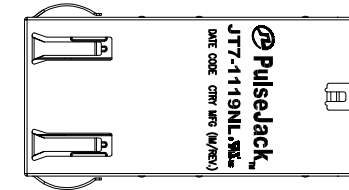
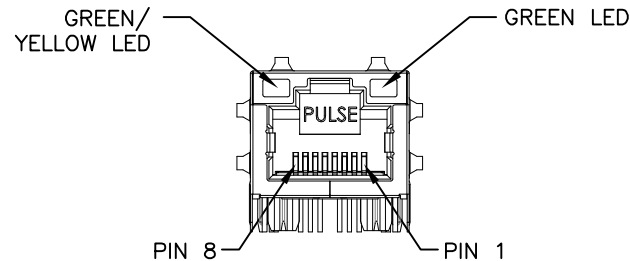


NOTES:

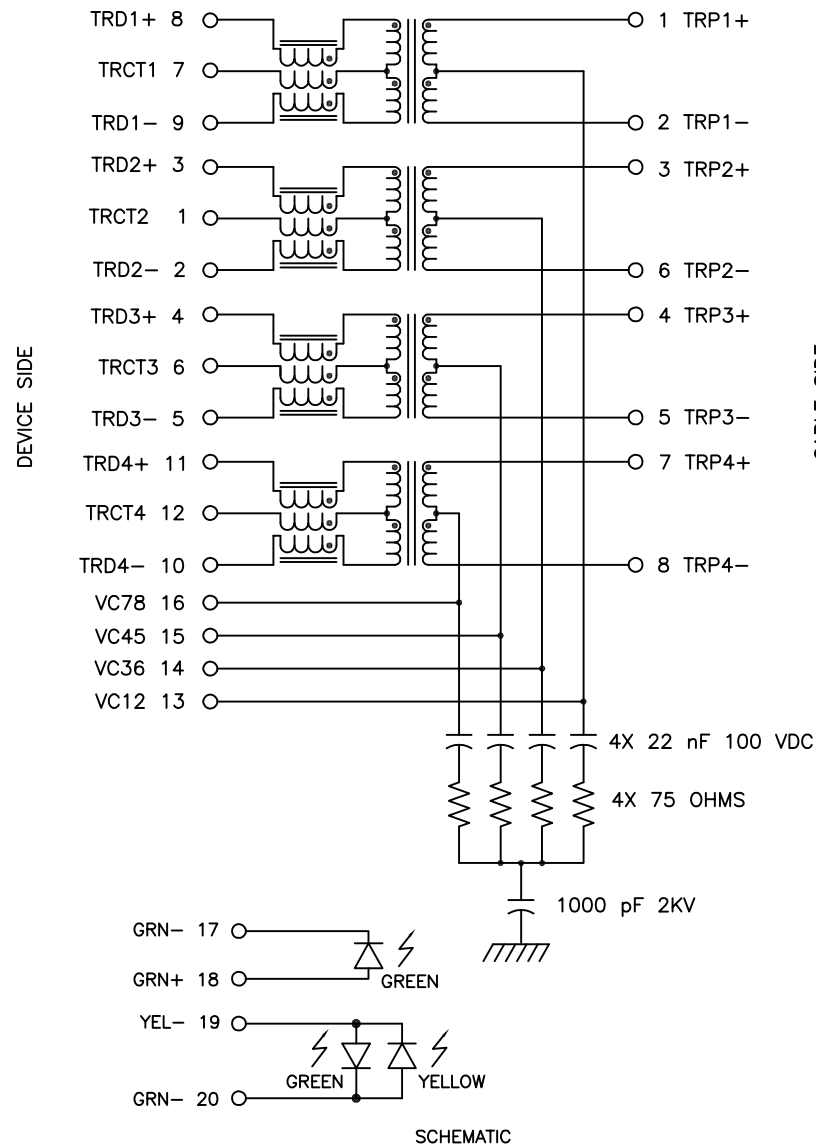
1. ROHS COMPLIANT
2. PLASTIC HOUSING: THERMOPLASTIC MATERIAL WITH FLAMMABILITY RATING UL 94V-0 OR BETTER.
3. CONTACTS PLATING: 50 MICRO-INCH GOLD PLATING.
4. CONTACTS BASE MATERIAL: PHOSPHOR BRONZE
5. UNDER PLATING: 50u INCHES MIN NICKEL
6. SOLDER TAIL PLATING : 200-500 uINCHES 100% TIN, MATTE FINISH.
7. METAL SHIELD: NICKEL PLATING ON COPPER ALLOY.
8. JACK CAVITY CONFORMS TO FCC PART 68 SUBPART.
9. PCB PLATING: HASL
10. STORAGE TEMPERATURE: -20°C TO +125°C
11. COMPLIANCE TO J-STD:
  - A. J-STD-002: SOLDERABILITY AT 245°C DIP AND LOOK TEST
  - B. J-STD-020: LEVEL 1, NO MOISTURE SENSITIVE
  - C. J-STD-075: W2, 270°C MAXIMUM THROUGH WAVE SOLDER



FINAL OUTLINE

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PRODUCT DESCRIPTION	TLA DRAWING	PS DRAWING	SHEET	PART NO.	DATASHEET REV.
CONN,RJ45,1X1,10GPP,1:1,TY	JT7-1119NL-X1	PS-2815.004-A	1 OF 5	JT7-1119NL	B



ELECTRICAL CHARACTERISTICS AT +25°C UNLESS OTHER SPECIFIED  
MEETS IEEE 802.3 SPECIFICATION

PARAMETER	SPECIFICATIONS		
OPERATING TEMP	0°C TO +70°C		
TURNS RATIO	1.00 ± 2%		
POLARITY	PER SCHEMATIC		
INSERTION LOSS	100 KHz	1-400 MHz	
	-3.0 dB MAX	-2.0 dB MAX (-1.4 dB TYP)	
RETURN LOSS (Z OUT = 100 OHM ± 1%)	1-100 MHz	100 MHz-500 MHz	
	-22 dB MIN	-22 + 20.75*LOG (f/100)	
INDUCTANCE (OCL)	120 uH MIN @ 100 kHz, 100 mV		
CROSSTALK, ADJACENT CHANNELS	1-100 MHz	100-500 MHz	
	-28 dB MIN	-19 dB MIN	
COMMON MODE REJECTION RATIO	1-40 MHz	40-100 MHz	100-500 MHz
	-30 dB MIN	-28 dB MIN	-26 dB MIN
COMMON TO DIFFERENTIAL MODE REJECTION (CDMR)	1-250 MHz		250-500 MHz
	-30 dB MIN		-22 dB MIN
MAXIMUM CONTINUOUS POE CURRENT, PER TWISTED PAIR	900 mA MAX		
MAXIMUM POE SURGE CURRENT, PER TWISTED PAIR	1A MAX FOR 75 ms		
INPUT – OUTPUT ISOLATION	2250 VDC MIN @ 60 SECONDS		

NOTE: f IS FREQUENCY IN MHZ.

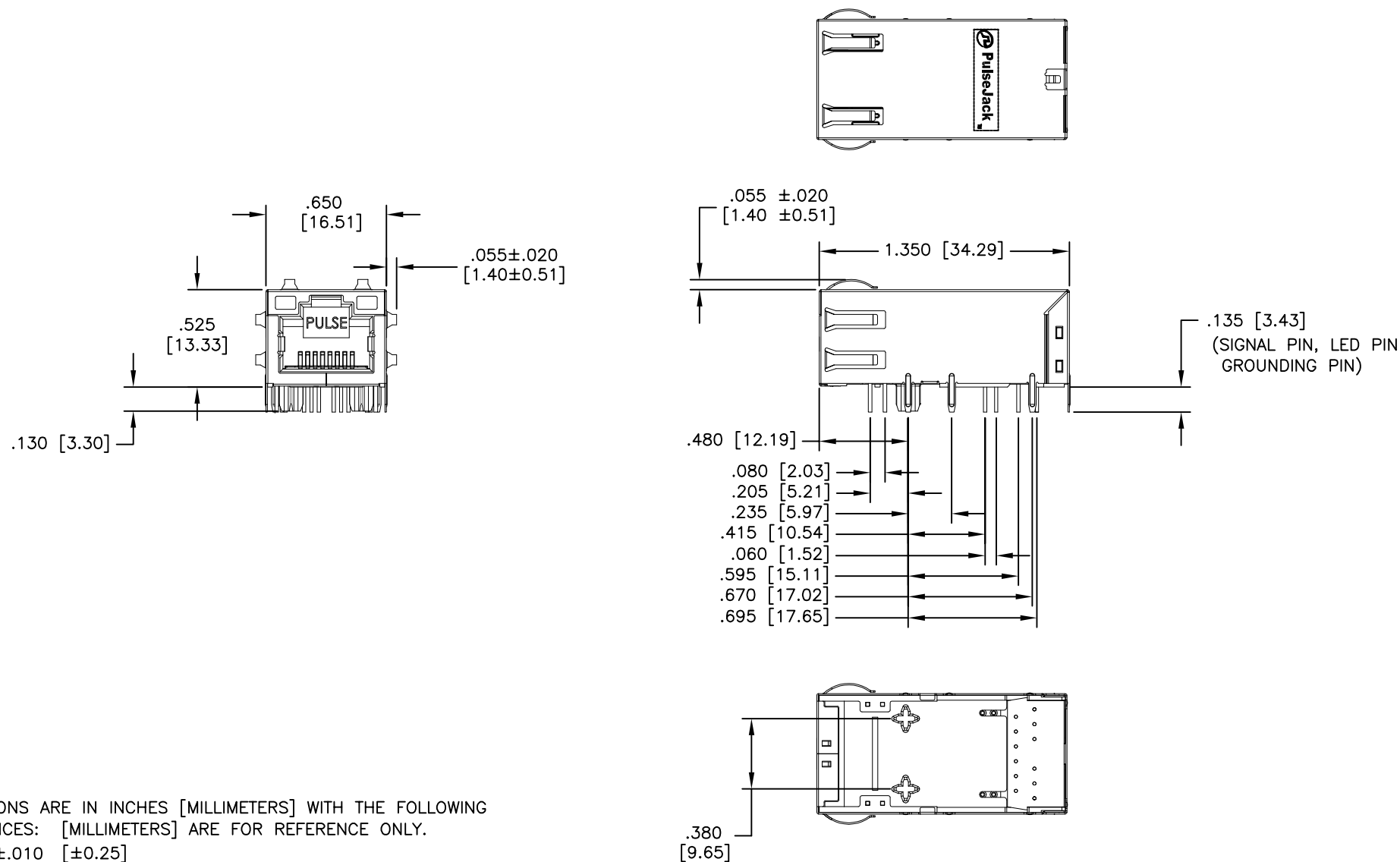
EMMITTED COLOR	GREEN	YELLOW	GREEN
WAVELENGTH (nm)	565-575	585-595	568
POWER DISSIPATION (Pd)	105 mW MAX	105 mW MAX	68 mW MAX
PEAK FORWARD CURRENT	140 mA MAX	140 mA MAX	150 mA MAX
FORWARD VOLTAGE (VF) @20mA	2.2-2.5 V	2.1-2.5 V	2.2-2.7 V

BICOLOR

NOTE: PER VENDOR'S SPECIFICATION

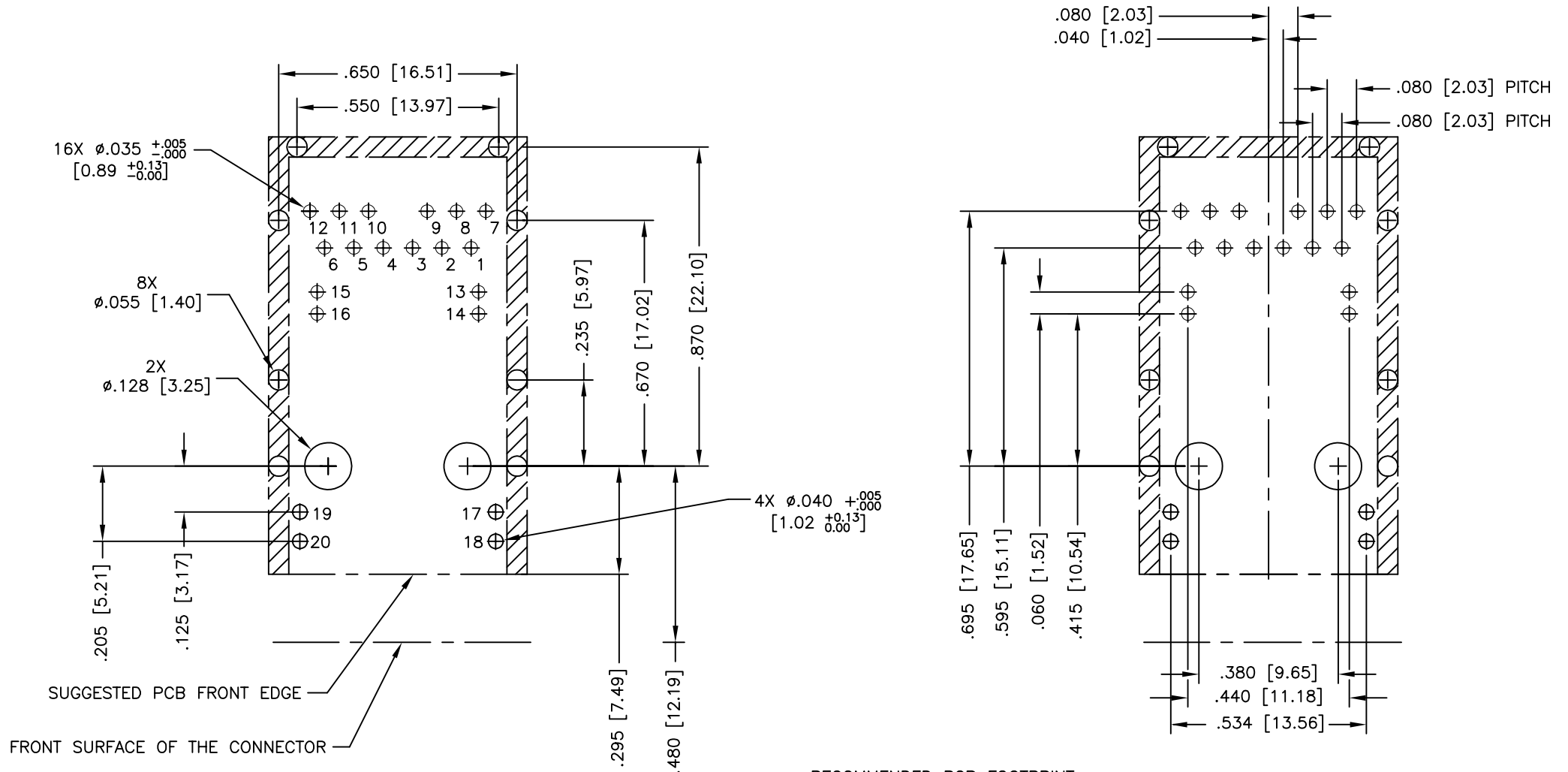
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PRODUCT DESCRIPTION	TLA DRAWING	PS DRAWING	SHEET	PART NO.	DATASHEET REV.
CONN,RJ45,1X1,10GPP,1:1,TY	JT7-1119NL-X1	PS-2815.004-A	2 OF 5	JT7-1119NL	B



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PRODUCT DESCRIPTION	TLA DRAWING	PS DRAWING	SHEET	PART NO.	DATASHEET REV.
CONN,RJ45,1X1,10GPP,1:1,TY	JT7-1119NL-X1	PS-2815.004-A	3 OF 5	JT7-1119NL	B



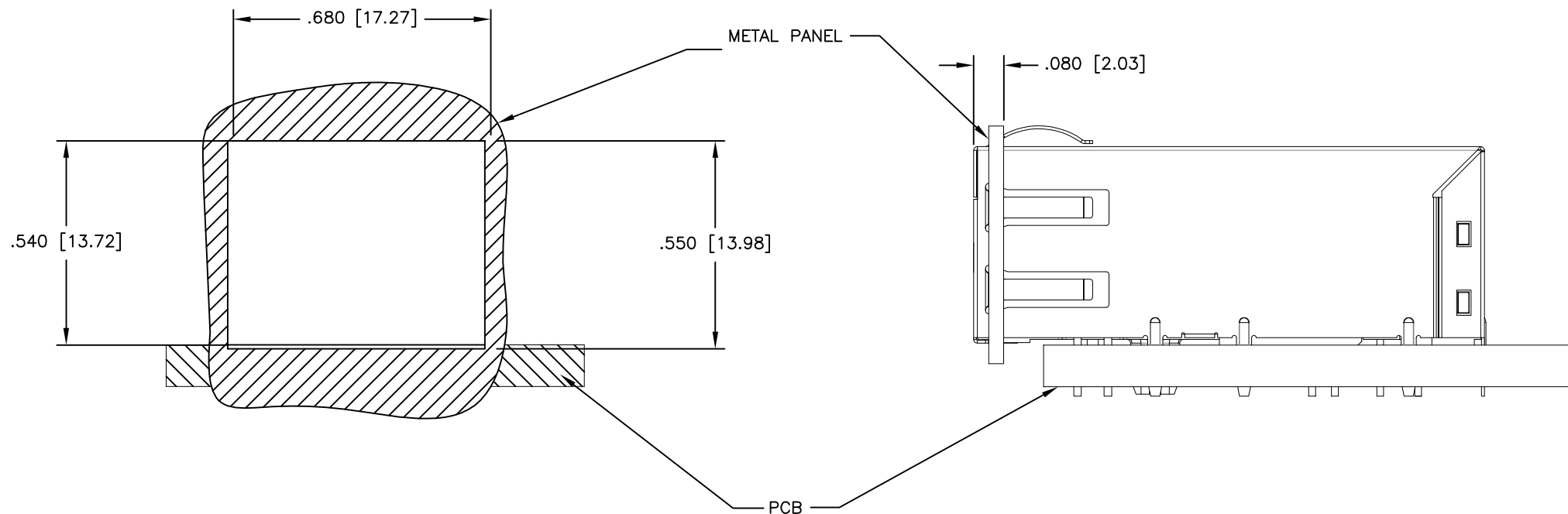
DIMENSIONS ARE IN INCHES [MILLIMETERS] WITH THE FOLLOWING TOLERANCES: [MILLIMETERS] ARE FOR REFERENCE ONLY.  
.XXX=  $\pm 0.003$  [ $\pm 0.08$ ]

RECOMMENDED PCB FOOTPRINT  
COMPONENT SIDE VIEW

NO TRACE AREA

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PRODUCT DESCRIPTION	TLA DRAWING	PS DRAWING	SHEET	PART NO.	DATASHEET REV.
CONN,RJ45,1X1,10GPP,1:1,TY	JT7-1119NL-X1	PS-2815.004-A	4 OF 5	JT7-1119NL	B



DIMENSIONS ARE IN INCHES [MILLIMETERS] WITH THE FOLLOWING  
TOLERANCES: [MILLIMETERS] ARE FOR REFERENCE ONLY.  
.XXX=  $\pm 0.010$  [ $\pm 0.25$ ]

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PRODUCT DESCRIPTION	TLA DRAWING	PS DRAWING	SHEET	PART NO.	DATASHEET REV.
CONN,RJ45,1X1,10GPP,1:1,TY	JT7-1119NL-X1	PS-2815.004-A	5 OF 5	JT7-1119NL	B

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