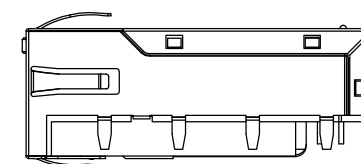
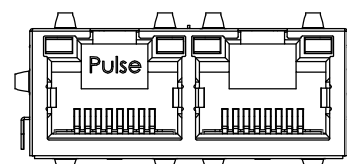
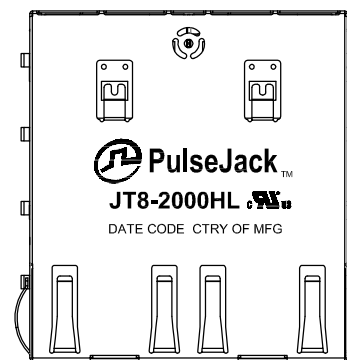


NOTES:

1. ROHS+HF COMPLIANT.
2. PLASTIC HOUSING: THERMOPLASTIC MATERIAL WITH FLAMMABILITY RATING UL 94V-0 OR BETTER.
3. CONTACTS PLATING: 50 MICRO-INCH GOLD PLATING.
4. SIGNAL SOLDER PINS: TIN PLATED.
5. METAL SHIELD: NICKEL PLATED COPPER.
6. JACK CAVITY CONFORMS TO FCC PART 68 SUBPART F.
7. STORAGE TEMPERATURE: -20°C TO +125°C
8. COMPLIANT TO J-STD:
 - A. J-STD-002: SOLDERABILITY AT 245°C REFLOW PROFILE
 - B. J-STD-020: LEVEL 1, NO MOISTURE SENSITIVE
 - C. J-STD-075: W7, 270°C MAXIMUM THROUGH WAVE SOLDER



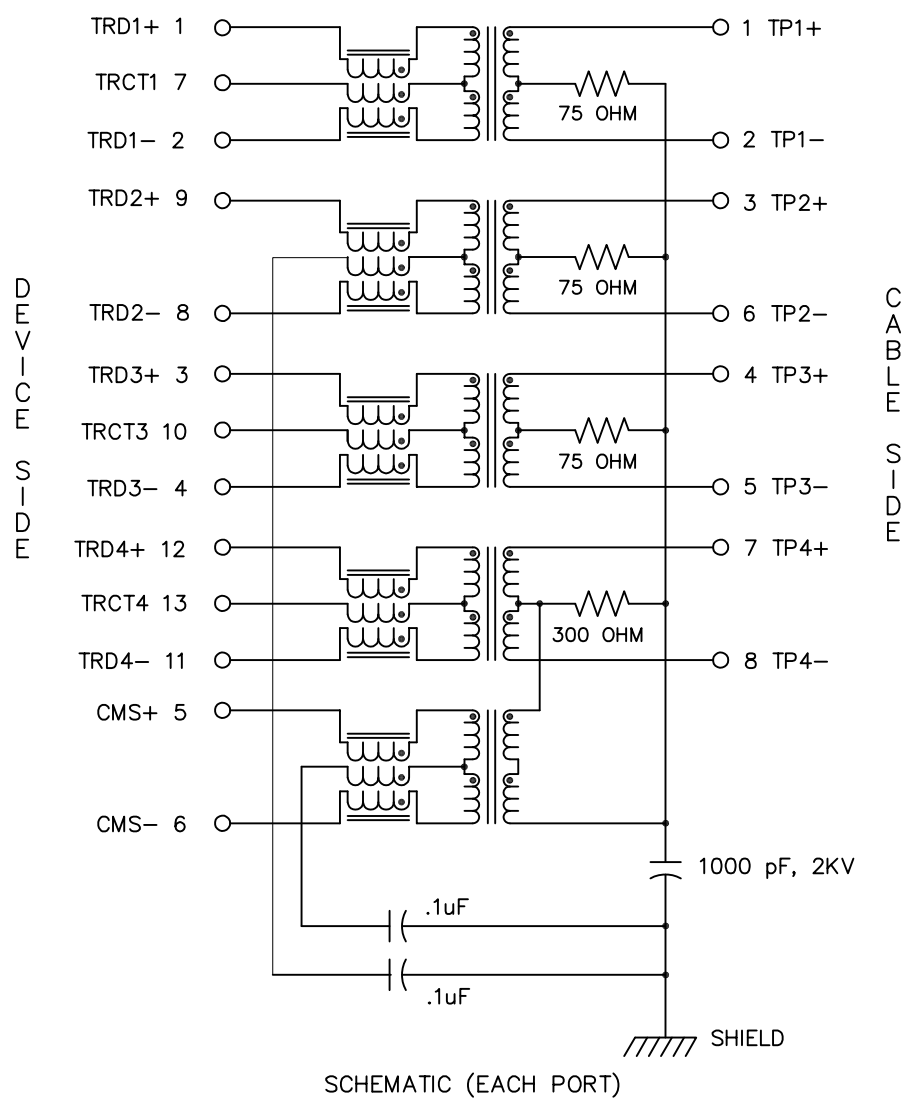
MAXIMUM SMT LED HEIGHT SHOULD NOT EXCEED 1.1mm.



FINAL OUTLINE

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PRODUCT DESCRIPTION	TLA DRAWING	PS DRAWING	SHEET	PART NO.	DATASHEET REV.
CONN,RJ45,1X2,10GD,1:1,TY	JT8-2000HL-P2	PS-2839.202-B	1 OF 5	JT8-2000HL	E



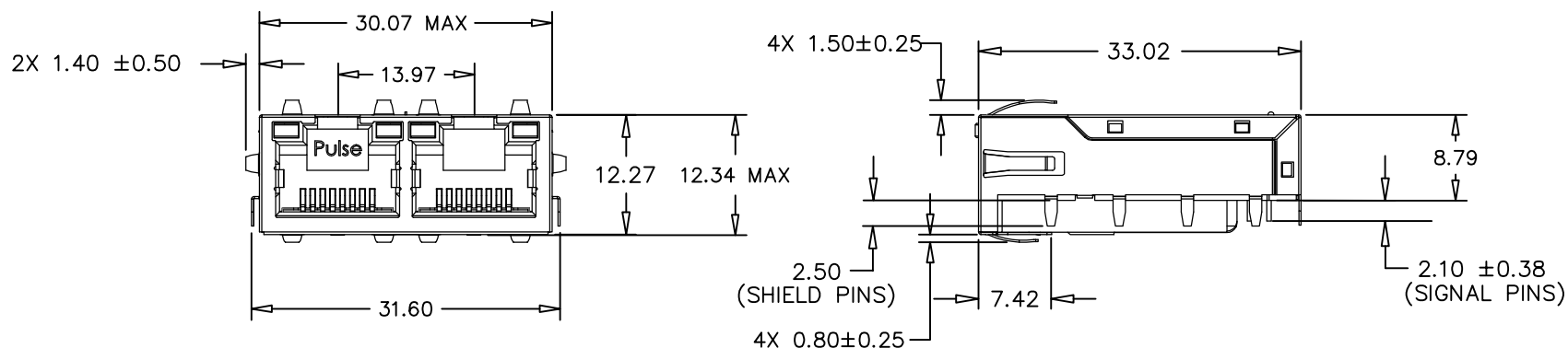
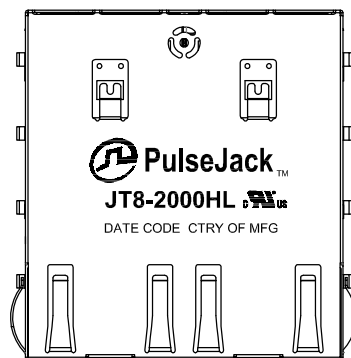
ELECTRICAL CHARACTERISTICS AT +25°C UNLESS OTHER SPECIFIED
MEETS IEEE 802.3 SPECIFICATION

PARAMETER	SPECIFICATIONS		
OPERATING TEMP	0°C TO +70°C		
URNS RATIO	1.00 ± 2%		
POLARITY	PER SCHEMATIC		
INSERTION LOSS (DATA CHANNELS)	100 KHz	1–400 MHz	
	–3.0 dB MAX	–2.0 dB MAX (–1.4 dB TYP)	
INSERTION LOSS (CM SENSE CHANNELS)	3–500 MHz		
	–5.0 dB MAX (–4 dB TYP)		
RETURN LOSS (Z OUT = 100 OHM ± 1%)	1–100 MHz	100 MHz–500 MHz	
	–22 dB MIN	–22 + 18.27*LOG ₁₀ (f/100)	
INDUCTANCE (OCL)	180 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	1–100 MHz	100–300 MHz	300–500 MHz
	–35 dB MIN	–30 dB MIN	–25 dB MIN
COMMON TO DIFFERENTIAL MODE REJECTION (CDMR)	1–250 MHz		250–500 MHz
	–30 dB MIN		–22 dB MIN
INPUT – OUTPUT ISOLATION	2250 VDC MIN @ 60 SECONDS		

NOTE: f IS FREQUENCY IN MHZ.

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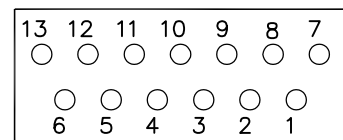
PRODUCT DESCRIPTION	TLA DRAWING	PS DRAWING	SHEET	PART NO.	DATASHEET REV.
CONN,RJ45,1X2,10GD,1:1,TY	JT8-2000HL-P2	PS-2839.202-B	2 OF 5	JT8-2000HL	E



ALL DIMENSION ARE SHOWN IN MILLIMETERS.
UNLESS OTHERWISE SPECIFIED,
THE FOLLOWING TOLERANCES APPLY:
X.XX = ± 0.25

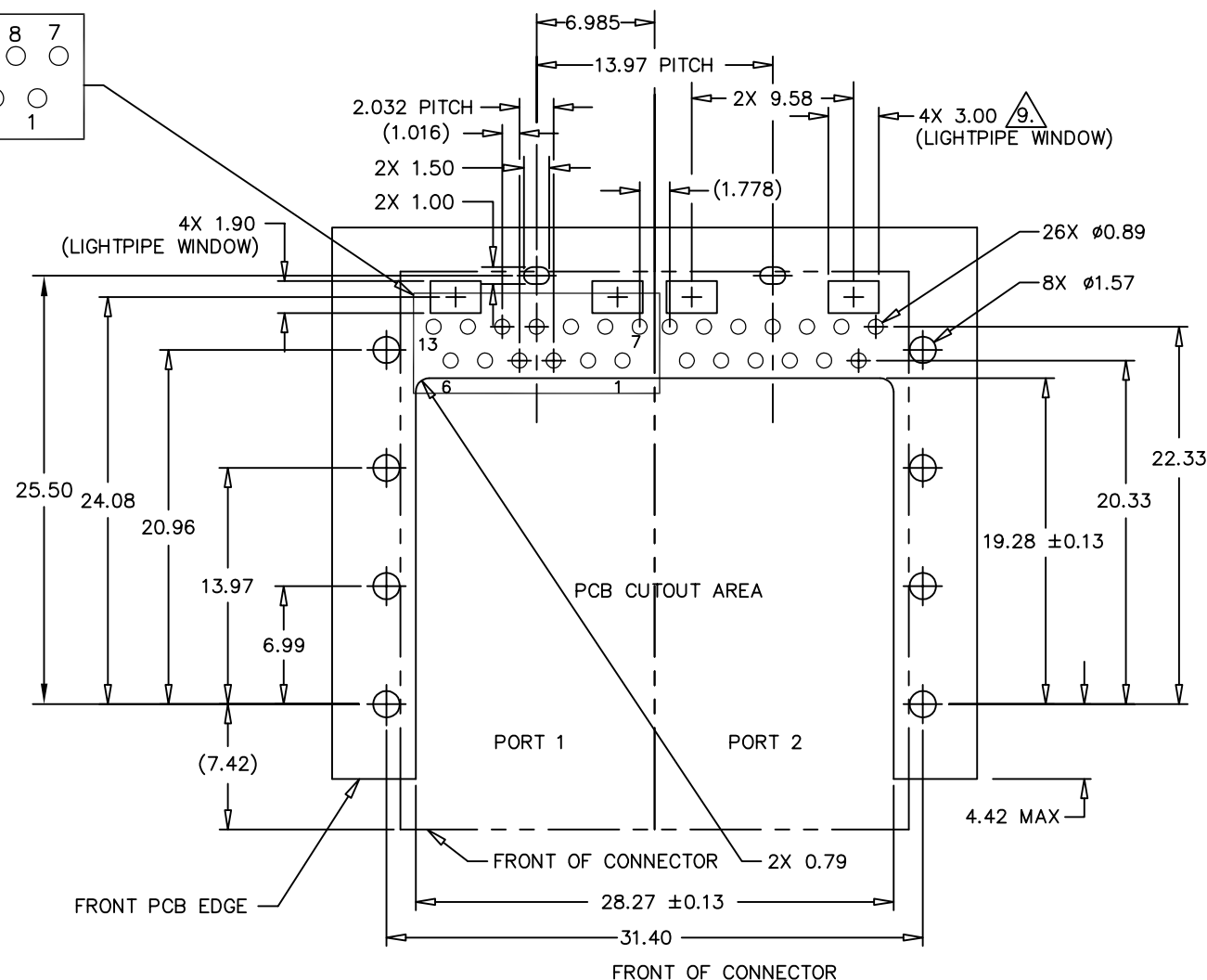
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PRODUCT DESCRIPTION	TLA DRAWING	PS DRAWING	SHEET	PART NO.	DATASHEET REV.
CONN,RJ45,1X2,10GD,1:1,TY	JT8-2000HL-P2	PS-2839.202-B	3 OF 5	JT8-2000HL	E



1	TRD1+
2	TRD1-
3	TRD3+
4	TRD3-
5	CMS+
6	CMS-
7	TRCT1
8	TRD2-
9	TRD2+
10	TRCT3
11	TRD4-
12	TRD4+
13	TRCT4

PIN ASSIGNMENT
(EACH PORT)

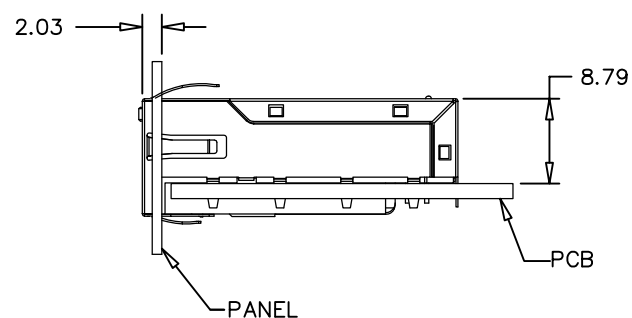
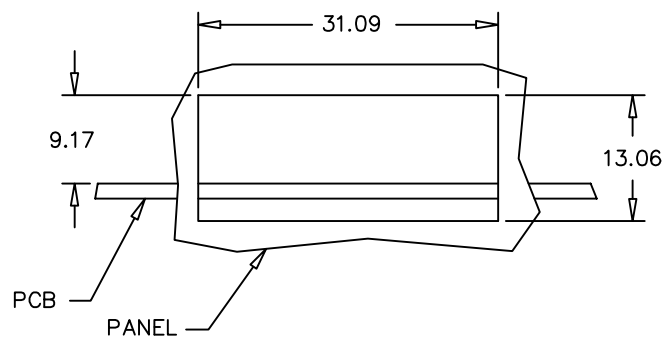


ALL DIMENSION ARE SHOWN IN MILLIMETERS.
UNLESS OTHERWISE SPECIFIED,
THE FOLLOWING TOLERANCES APPLY:
X.XX = ± 0.05

SUGGESTED FOOTPRINT (COMPONENT SIDE SHOWN)

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PRODUCT DESCRIPTION	TLA DRAWING	PS DRAWING	SHEET	PART NO.	DATASHEET REV.
CONN,RJ45,1X2,10GD,1:1,TY	JT8-2000HL-P2	PS-2839.202-B	4 OF 5	JT8-2000HL	E



SUGGESTED PANEL CUTOUT

ALL DIMENSION ARE SHOWN IN MILLIMETERS.
UNLESS OTHERWISE SPECIFIED,
THE FOLLOWING TOLERANCES APPLY:
X.XX = ± 0.25

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PRODUCT DESCRIPTION	TLA DRAWING	PS DRAWING	SHEET	PART NO.	DATASHEET REV.
CONN,RJ45,1X2,10GD,1:1,TY	JT8-2000HL-P2	PS-2839.202-B	5 OF 5	JT8-2000HL	E