

NOTES: UNLESS OTHERWISE SPECIFIED

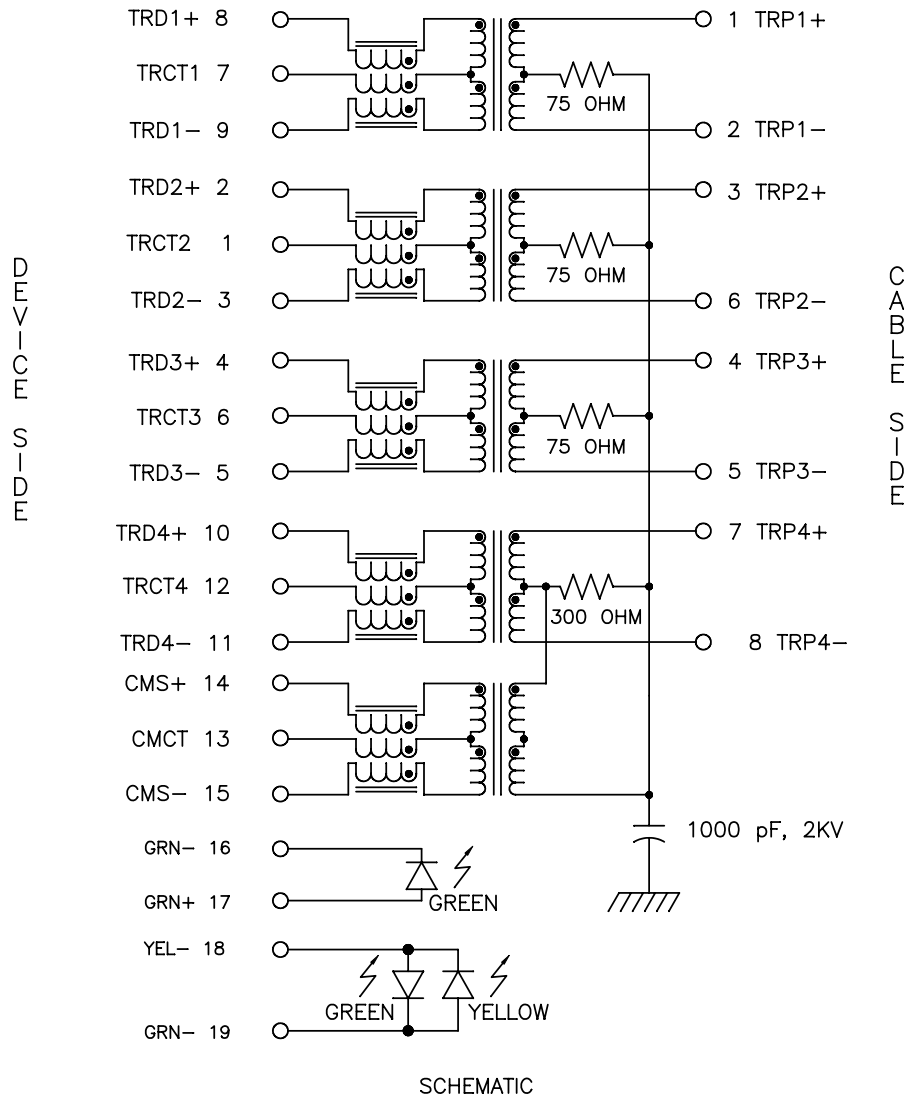
1.

NOTICE:	THIS IS A RoHS COMPLIANT AND HALOGEN-FREE COMPONENT/PRODUCT.
RoHS+HF 	

2. PLASTIC HOUSING: THERMOPLASTIC MATERIAL WITH FLAMMABILITY RATING UL 94V-0 OR BETTER.
3. CONTACT BASE MATERIAL: PHOSPHOR BRONZE.
4. CONTACTS UNDERPLATE: 50 MICROINCHES DUCTILE NICKEL.
5. CONTACTS PLATING: 50 MICRO-INCH GOLD PLATING.
6. SOLDER TAIL PLATING MATERIAL: 200-500 μINCHES 100% TIN, MATTE FINISH.
7. METAL SHIELD: NICKEL PLATING ON COPPER ALLOY.
8. JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS PART 68 SUBPART F.
9. PCB PLATING: EG.
10. SOLDERABILITY: CONFORMS TO ANSI/J-STD-002, IPC/EIA J-STD-003A.
11. OPERATING TEMPERATURE: 0°C TO +70°C
12. STORAGE TEMPERATURE: -20°C TO +125°C
13. JEDEC MOISTURE: LEVEL 1.
14. REVISION: MX1,MX2, ARE PRELIMINARY.

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PULSE CONFIDENTIAL & PROPRIETARY	PRODUCT DESCRIPTION	PS DRAWING	SHEET:	DWG. NO./ PART NO.	REV.
	CONN,RJ45,1X1,10G,CMS	PS-2615.002-A	1	JT4-1108HL	M10



ELECTRICAL CHARACTERISTICS AT +25°C UNLESS OTHER SPECIFIED

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 (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.

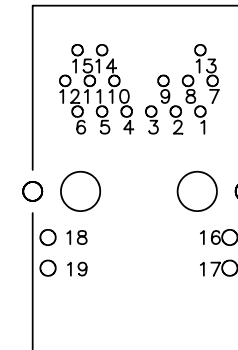
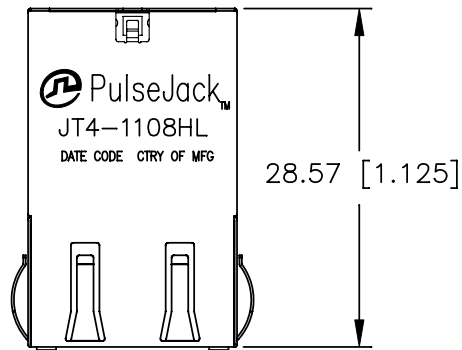
EMMITTED COLOR	GREEN	YELLOW
WAVELENGTH (nm)	565	588
POWER DISSIPATION (Pd)	105 mW MAX	100 mW MAX
DC FORWARD CURRENT	25 mA MAX	30 mA MAX
FORWARD VOLTAGE (VF) @20mA	2.2 V TYP	2.1 V TYP

BICOLOR

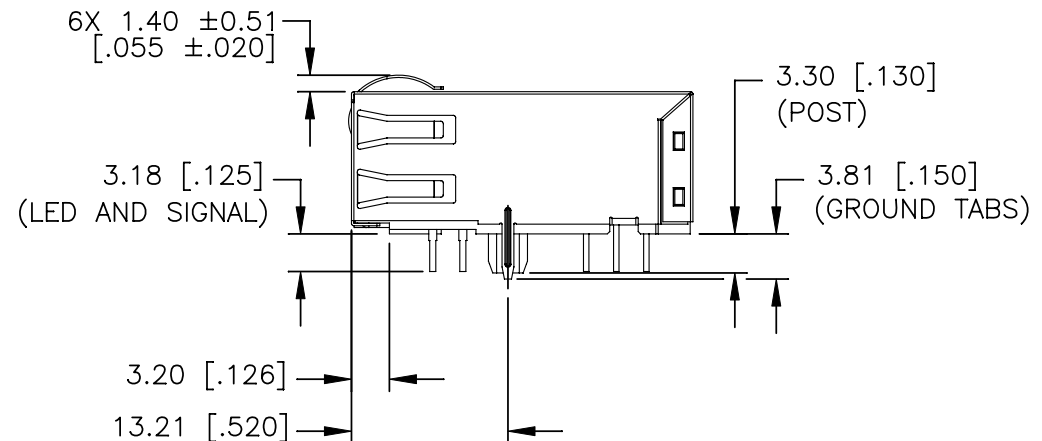
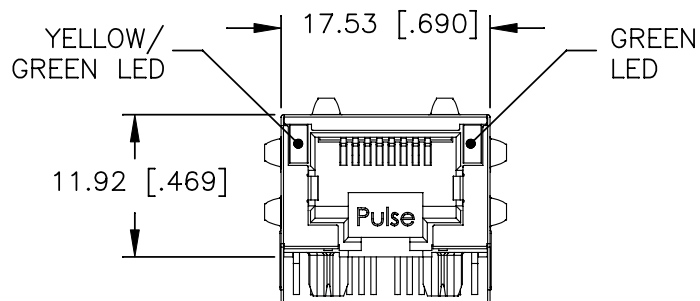
NOTE: PER VENDOR'S SPECIFICATION

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PIN ASSIGNMENT, VIEWED FROM COMPONENT SIDE

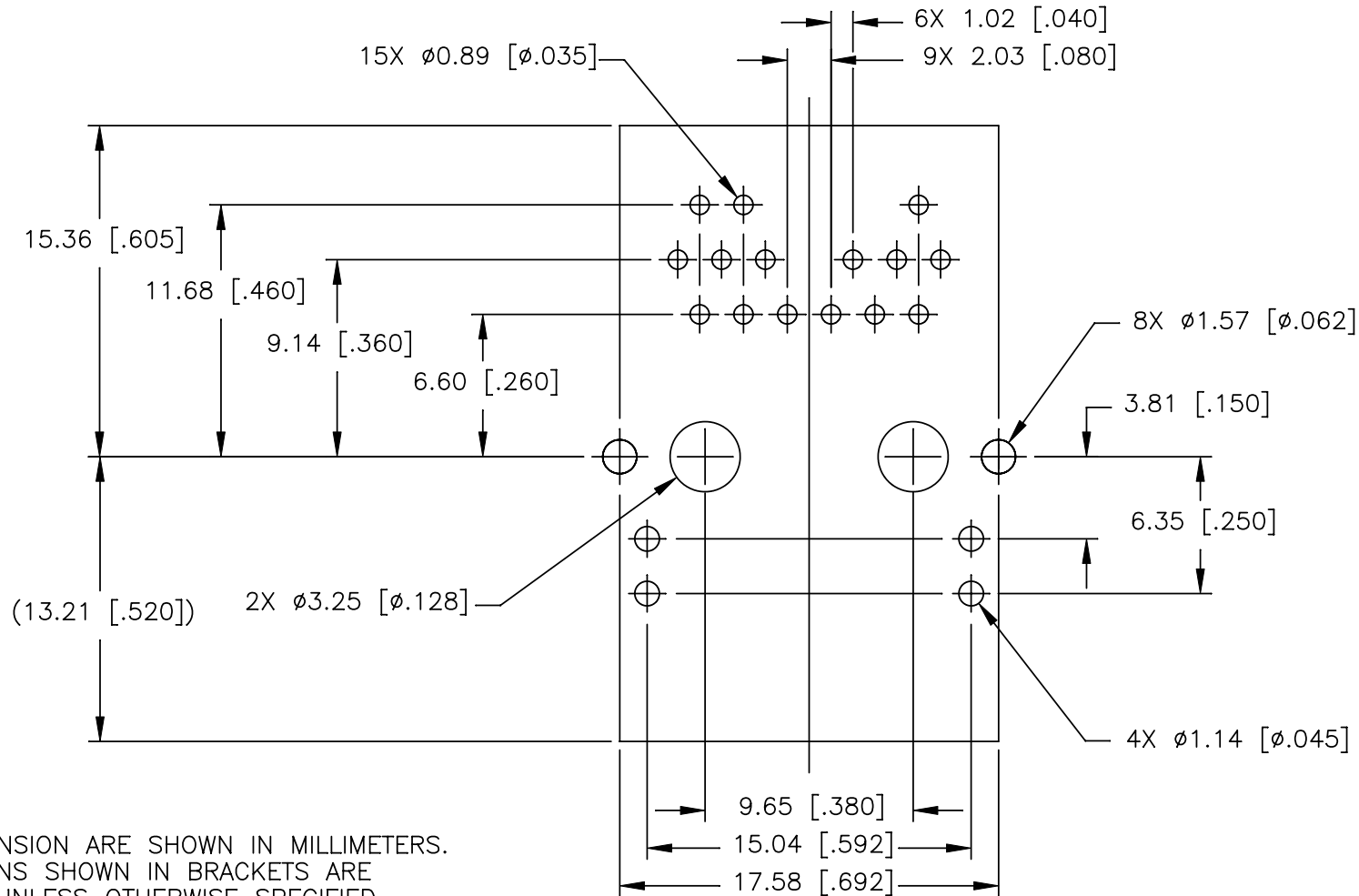


ALL DIMENSION ARE SHOWN IN MILLIMETERS.
DIMENSIONS SHOWN IN BRACKETS ARE
INCHES. UNLESS OTHERWISE SPECIFIED,
THE FOLLOWING TOLERANCES APPLY:

X.XX [.XXX] = ±0.25 [±.010]

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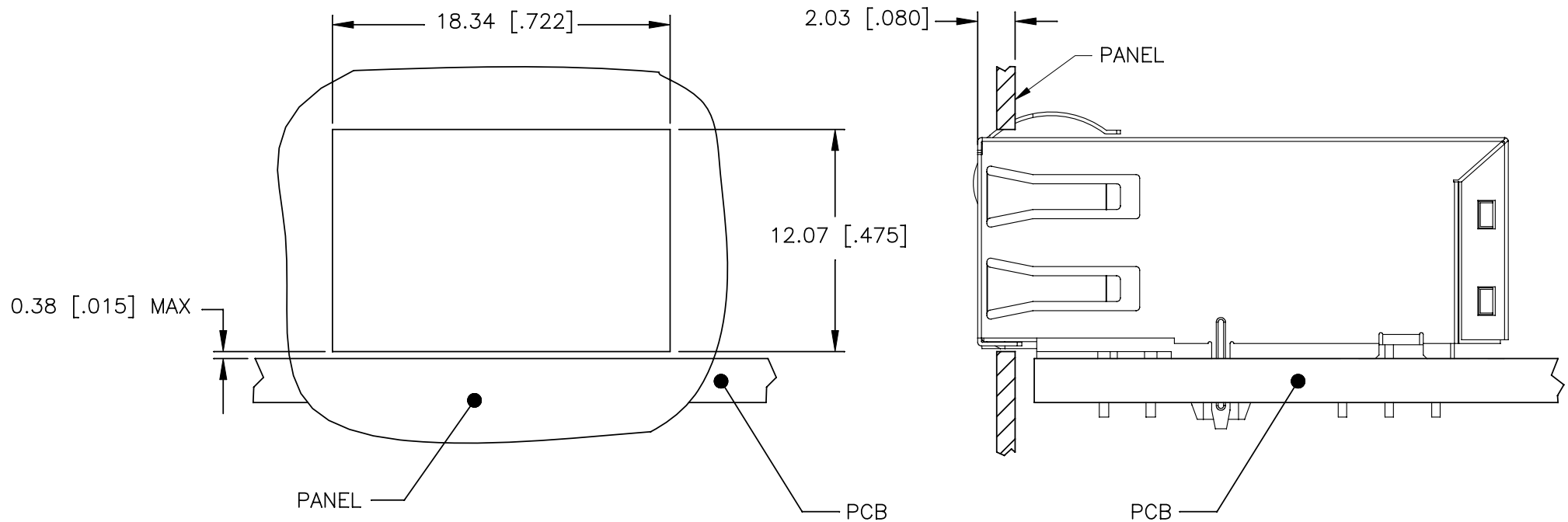
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THE FOLLOWING TOLERANCES APPLY:

X.XX [.XXX] = ± 0.08 [± 0.003]

SUGGESTED FOOTPRINT (COMPONENT SIDE SHOWN)

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SUGGESTED PANEL CUTOUT

ALL DIMENSION ARE SHOWN IN MILLIMETERS.
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INCHES. UNLESS OTHERWISE SPECIFIED,
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X.XX [.XXX] = ± 0.10 [± 0.004]

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