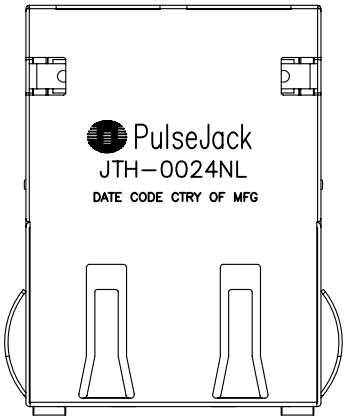
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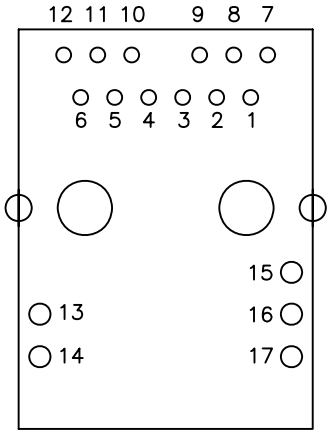
NOTES: UNLESS OTHERWISE SPECIFIED

1.

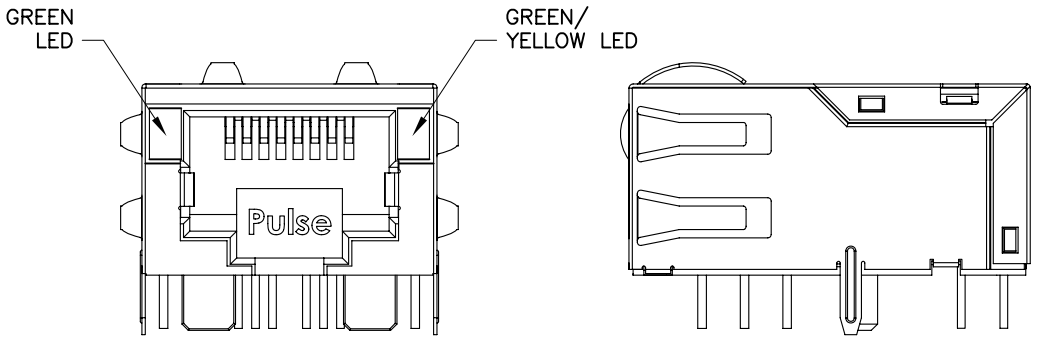
NOTICE:	THIS IS A RoHS COMPLIANT COMPONENT/PRODUCT. ALL ENGINEERING CHANGES MUST HAVE PRIOR APPROVAL BY THE DESIGN CENTER.
RoHS ✓	

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 uINCHES 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.





PIN ASSIGNMENTS
(COMPONENT SIDE VIEW)

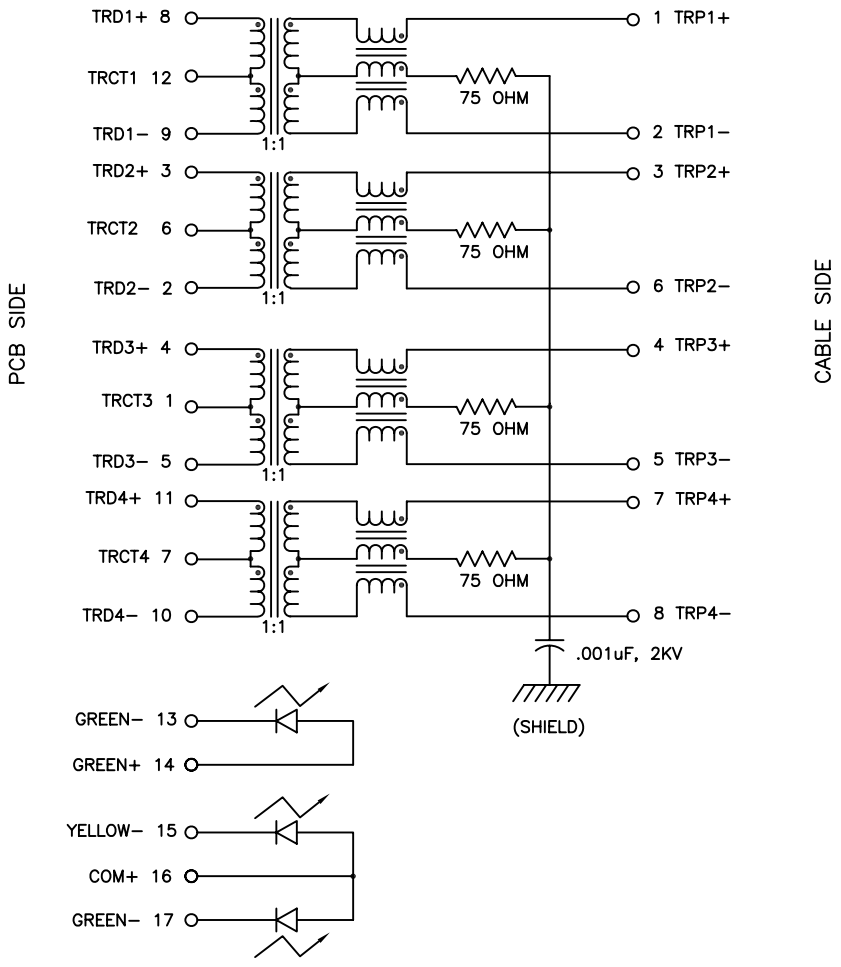


PACKAGE OUTLINE

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PULSE CONFIDENTIAL & PROPRIETARY	PRODUCT DESCRIPTION	PS DRAWING	SHEET:	DWG. NO./ PART NO.	REV.
	CONN,RJ45,1X1,10G,G2	PS–2484.009–B	1	JTH–0024NL	M10

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SCHEMATIC

ELECTRICAL CHARACTERISTICS AT +25°C UNLESS OTHERWISE SPECIFIED

PARAMETER	SPECIFICATIONS		
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%)	1–40 MHz	40 MHz–500 MHz	
	–18 dB MIN	–17 + 10*LOG (f/40)	
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	1–100 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.

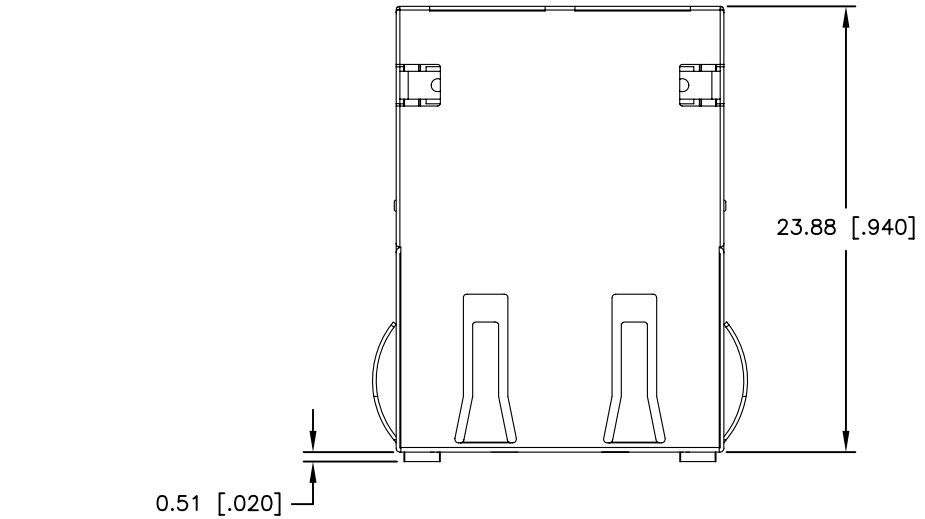
EMITTED COLOR	GREEN	YELLOW	GREEN
WAVE LENGTH (nM)	570	588	570
POWER DISSIPATION (Pd)	85 mW MAX	100 mW MAX	85 mW MAX
DC FORWARD CURRENT	25 mA MAX	30 mA MAX	25 mA MAX
FORWARD VOLTAGE (VF) @ 20mA	2.2 V TYP	2.1 V TYP	2.2 V TYP

NOTE: PER VENDOR'S SPECIFICATION — BICOLOR

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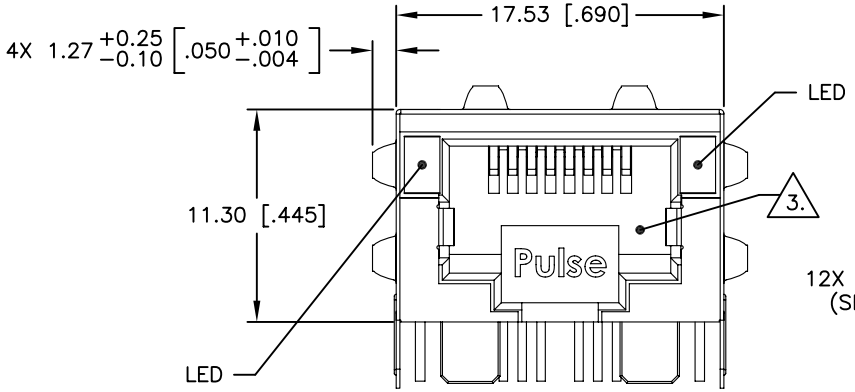
PULSE CONFIDENTIAL & PROPRIETARY	PRODUCT DESCRIPTION	PS DRAWING	SHEET:	DWG. NO./ PART NO.	REV.
	CONN,RJ45,1X1,10G,G2	PS–2484.009–B	2	JTH–0024NL	M10

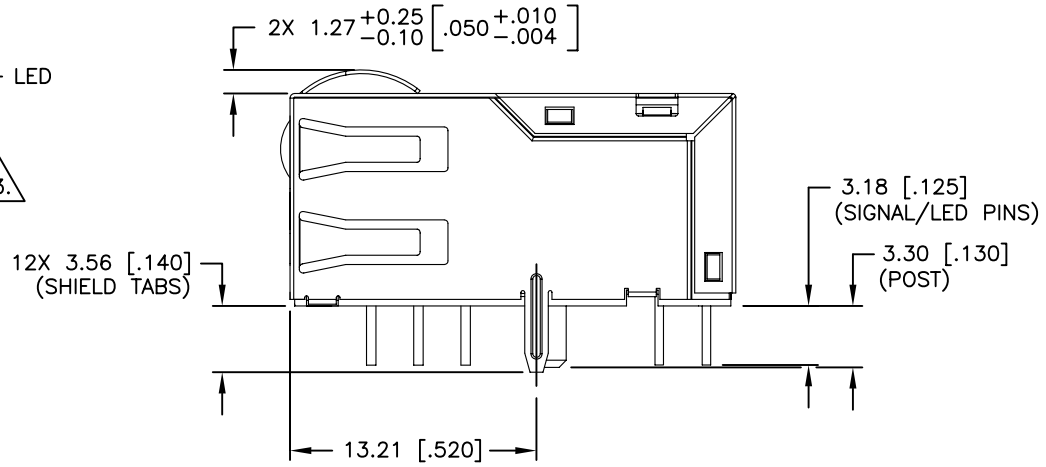
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ALL DIMENSION ARE SHOWN IN METRIC. DIMENSIONS SHOWN IN BRACKETS ARE INCHES. UNLESS OTHERWISE SPECIFIED, THE FOLLOWING TOLERANCES APPLY:

X.XX [.XXX] = ±0.25 [±.010]





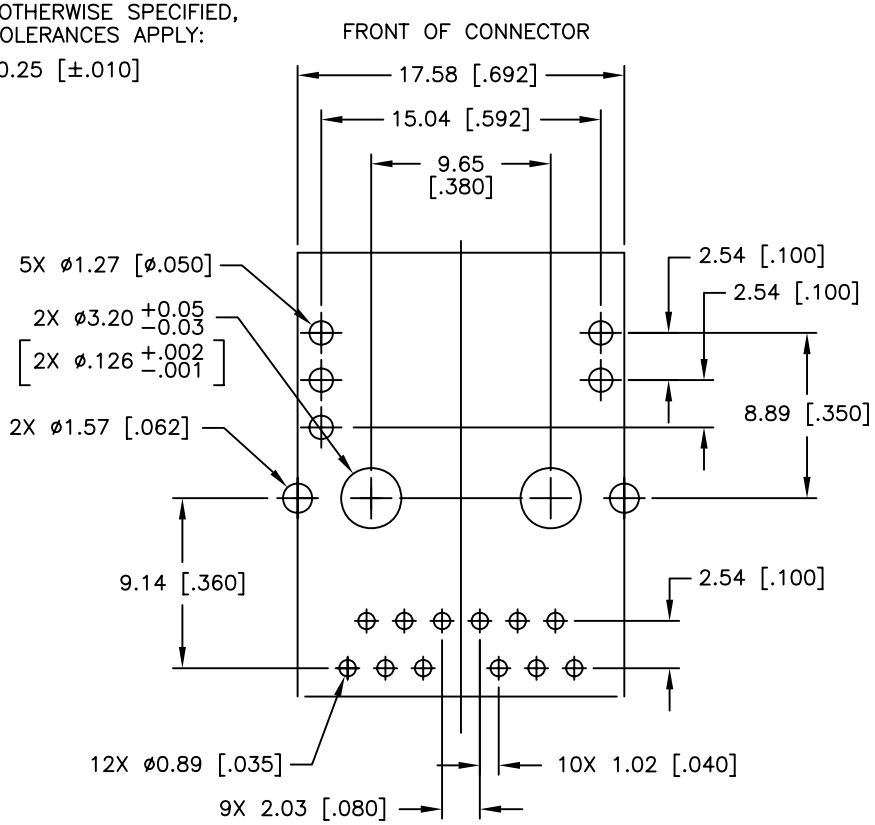
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PULSE CONFIDENTIAL & PROPRIETARY	PRODUCT DESCRIPTION	PS DRAWING	SHEET:	DWG. NO./ PART NO.	REV.
	CONN,RJ45,1X1,10G,G2	PS−2484.009−B	3	JTH−0024NL	M10

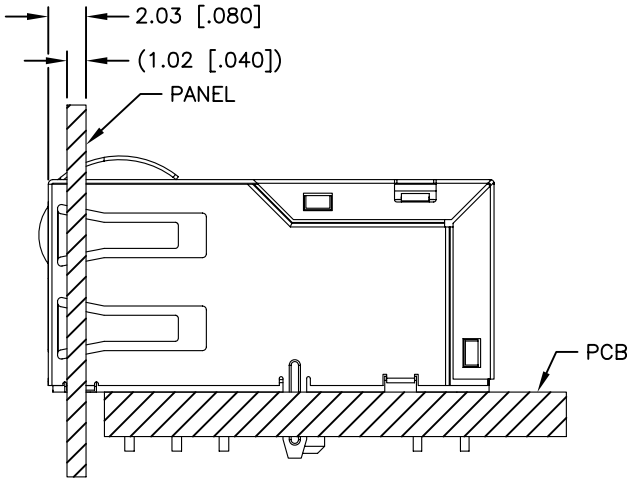
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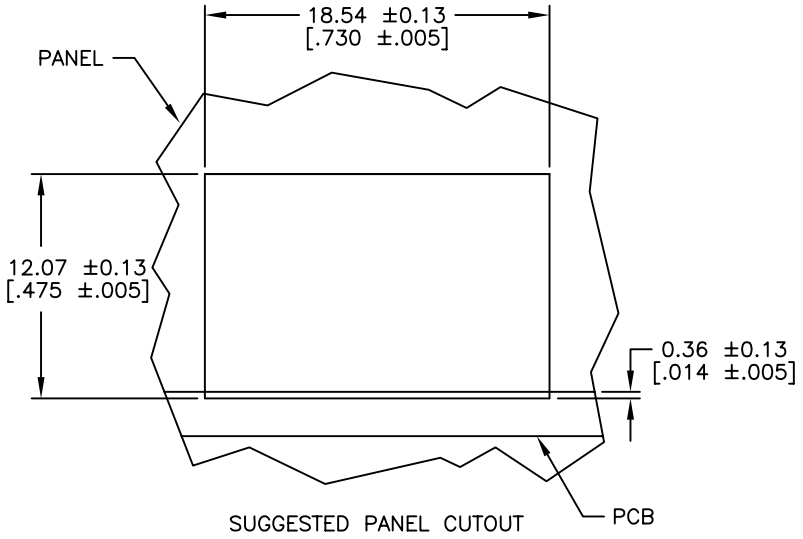
ALL DIMENSION ARE SHOWN IN METRIC. DIMENSIONS SHOWN IN BRACKETS ARE INCHES. UNLESS OTHERWISE SPECIFIED, THE FOLLOWING TOLERANCES APPLY:

X.XX [.XXX] = ±0.25 [±.010]



SUGGESTED FOOTPRINT (COMPONENT SIDE SHOWN)
DIMENSIONAL TOLERANCE: (UNLESS OTHERWISE SPECIFIED)
.XX [.XXX] = ±0.05 [.002]





SUGGESTED PANEL CUTOUT

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PULSE CONFIDENTIAL & PROPRIETARY	PRODUCT DESCRIPTION	PS DRAWING	SHEET:	DWG. NO./ PART NO.	REV.
	CONN,RJ45,1X1,10G,G2	PS-2484.009-B	4	JTH-0024NL	M10

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