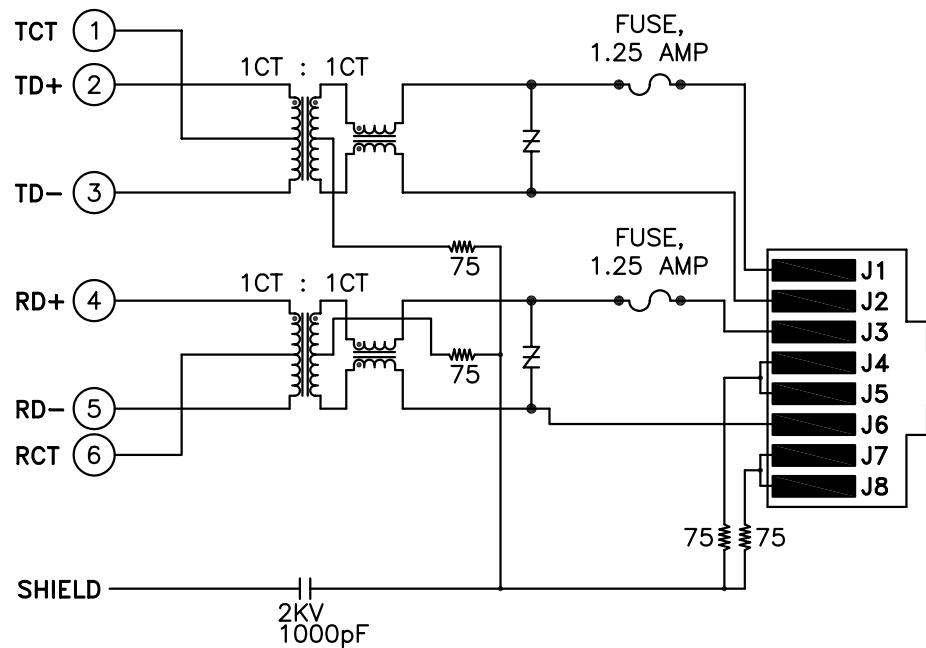


ELECTRICAL SPECIFICATIONS:

- | | | |
|-------------------------------|------------------------------|--|
| 1.0 TURNS RATIO: | (P5-P6-P4) : (J6-J3) | : 1CT : 1CT $\pm 2\%$ |
| | (P3-P1-P2) : (J2-J1) | : 1CT : 1CT $\pm 2\%$ |
| 2.0 INDUCTANCE: | (P3-P2) ; (P5-P4) | : 350 uH MIN. @ 0.1V, 100KHz, 8 mA DC BIAS |
| 3.0 LEAKAGE INDUCTANCE: | P3-P2 (WITH J1 AND J2 SHORT) | : 0.3uH MAX. @ 1MHz |
| | P5-P4 (WITH J6 AND J3 SHORT) | : 0.3uH MAX. @ 1MHz |
| 4.0 INTERWINDING CAPACITANCE: | (P3-P2) : (J1-J2) | : 30pf MAX @ 1MHz |
| | (P5-P4) : (J6-J3) | : 30pf MAX @ 1MHz |
| 5.0 DC RESISTANCE: | (J6-J3) ; (J2-J1) | : 1.2 ohms Max. |

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6.0 RETURN LOSS: 1MHz TO 30MHz	: -18dB MIN.
60MHz TO 80MHz	: -12dB MIN.
7.0 DIELECTRIC WITHSTAND: (J1,J2) TO (P10,P12) ; (J5,J4) TO (P3-P2)	: 1500 VAC
(J3,J6) TO (P5,P4) ; (J8,J7) TO (P9, P8)	: 1500 VAC
8.0 INSERTION LOSS: RS=RL=100 ohms	
100KHz TO 125MHz	: -1.1 dB TYP
9.0 RISE TIME: RS=100 OHMS AND RL = 100 OHMS	
OUTPUT VOLTAGE = 1 V peak	: 3.0 nS MAX
PULSE WIDTH= 112nS	: 3.0 nS MAX
10.0 CROSS TALK: 1-100 MHz	: -35dB TYP
11.0 COMMON TO COMMON MODE ATTENUATION: 1MHz TO 100MHz	: -35dB TYP

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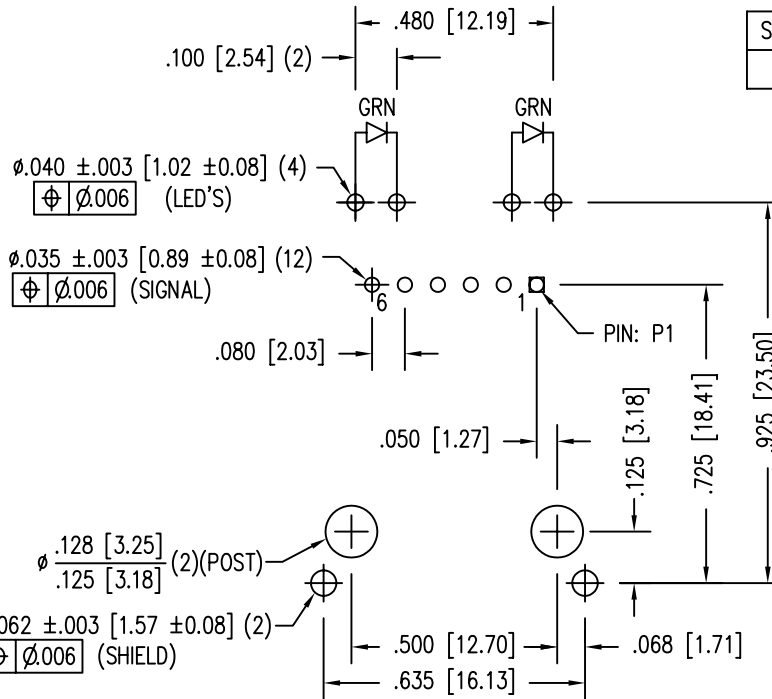
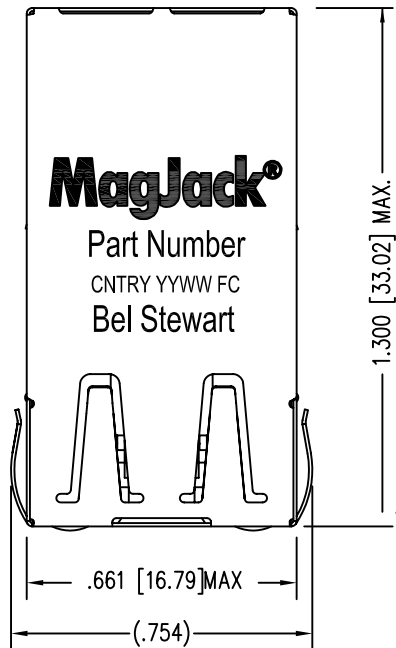
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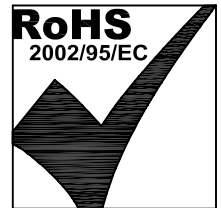
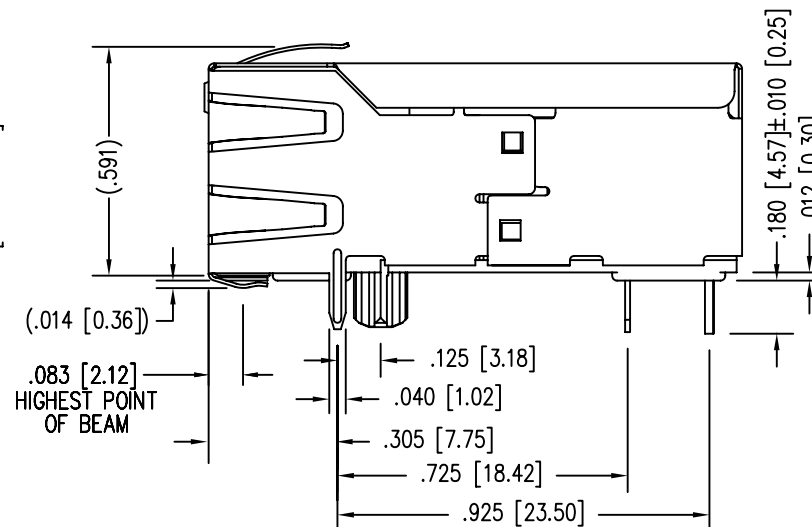
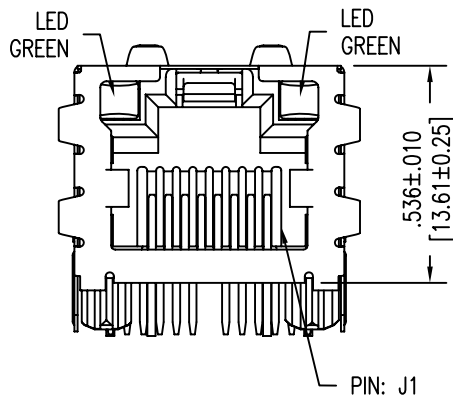


STANDARD LED	WAVELENGTH	FORWARD V (MAX)	* (TYP)
GREEN	565 nm	2.5 V	2.2 V

* WITH A FORWARD CURRENT OF 20 mA (TYP)

NOTES:

- CONNECTOR MATERIALS:
HOUSING: THERMOPLASTIC UL94 V-0
CONTACT/SHIELD: COPPER ALLOY
SHIELD PLATING: NICKEL OR TIN
CONTACT PLATING: SELECTIVE GOLD,
50 MICRO-INCHES MIN. IN CONTACT AREA.
- PIN NOT ELECTRICALLY CONNECTED MAYBE OMITTED.
SEE ELECTRICAL DRAWING FOR OMITTED PINS.
- TOLERANCES COMPLY WITH F.C.C. DIMENSION REQUIREMENTS.
- ALL TOLERANCES NOT OTHERWISE SPECIFIED TO BE ±.005 [0.13]
- WAVE SOLDER COMPATIBLE - PREHEAT 125°C/90SECS.
HIGH TEMPERATURE REFLOW COMPATIBLE - 230°C/90 SEC MAX.
- INSERT FORCE: 8.5 LBS MAX.



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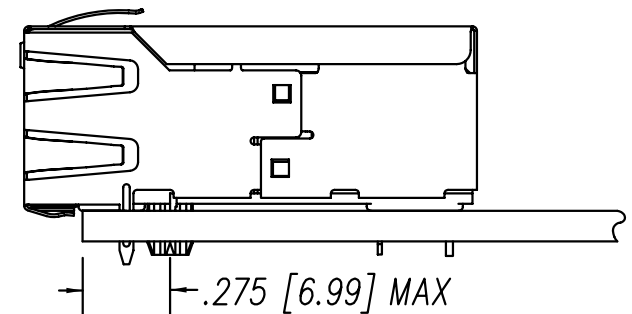
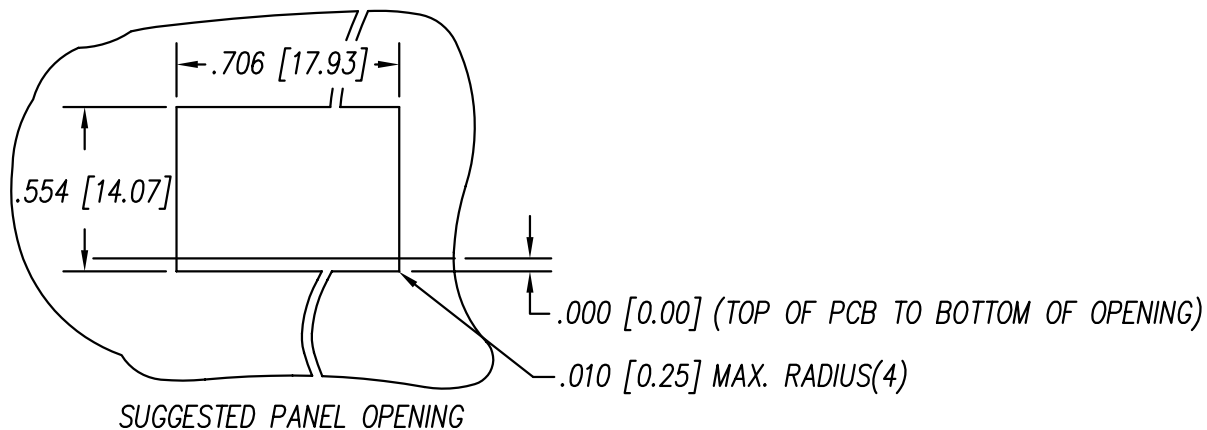
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1. THE SUGGESTED PANEL OPENING IS INTENDED TO GIVE THE USER THE ABILITY TO HAVE REASONABLE JACK / PANEL CLEARANCES YET MAINTAIN RELIABLE GROUNDING CAPABILITY.
2. ALL TOLERANCES NOT OTHERWISE SPECIFIED TO BE ± 0.005 [0.13]

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