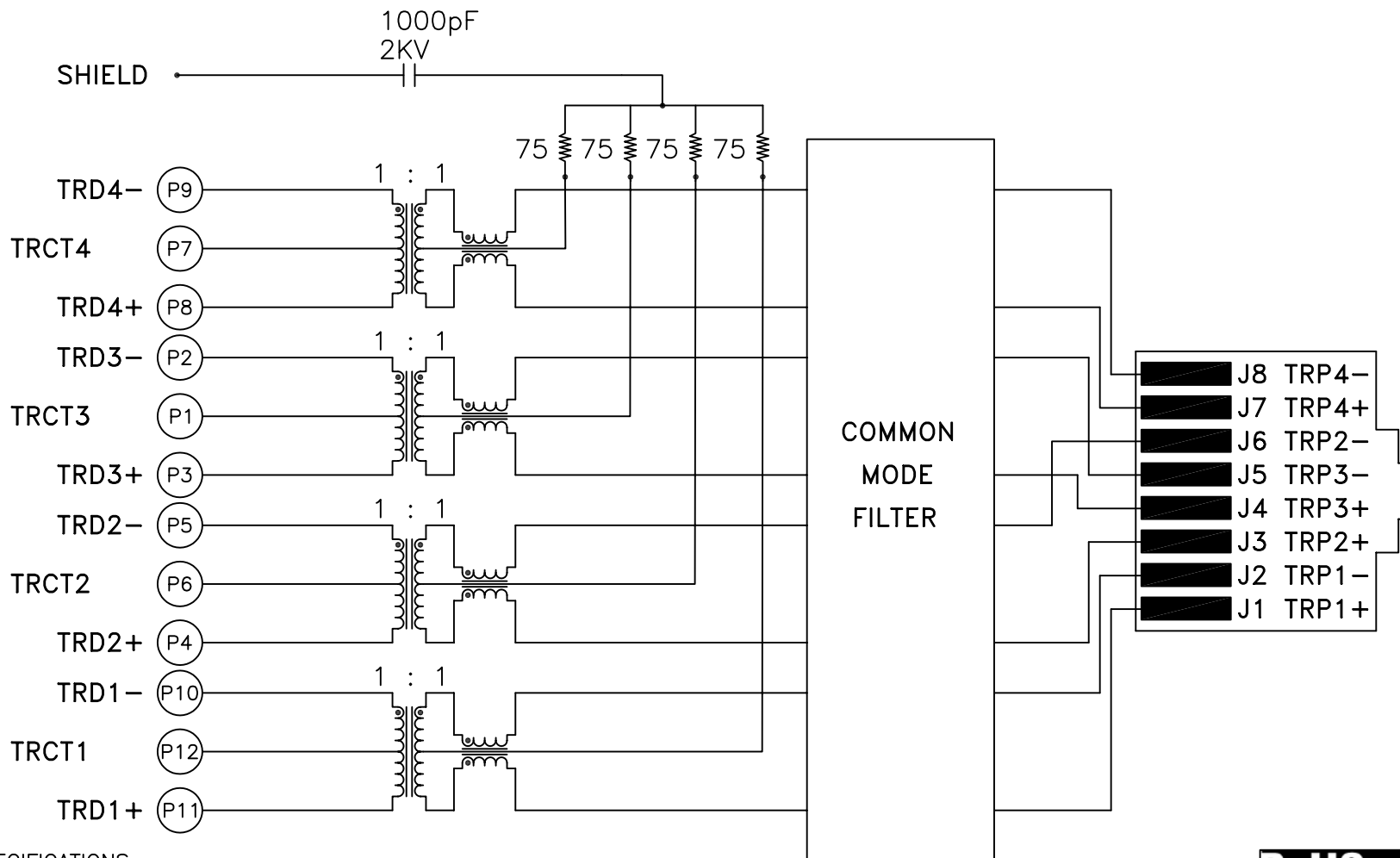




ELECTRICAL SPECIFICATIONS:

1.0 TURNS RATIO: (P3-P2) : (J4-J5) : 1 : 1 $\pm 2\%$
 (P5-P4) : (J6-J3) : 1 : 1 $\pm 2\%$
 (P9-P8) : (J8-J7) : 1 : 1 $\pm 2\%$
 (P10-P11) : (J2-J1) : 1 : 1 $\pm 2\%$

2.0 INDUCTANCE: (P3-P2) ; (P5-P4) : 350 uH MIN. @ 0.1V, 100KHz, 8 mA DC BIAS
 (P10-P11) ; (P9-P8) : 350 uH MIN. @ 0.1V, 100KHz, 8 mA DC BIAS

3.0 DC RESISTANCE: (J6-J3) ; (J2-J1) ; (J7-J8) ; (J4-J5) : 2.0 ohms Max.



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4.0	INSERTION LOSS:	RS=RL=100 Ohms REF 100KHz TO 125MHz	: -1.1 dB TYP
5.0	RETURN LOSS:	0.5MHz TO 40MHz 40MHz TO 100MHz	: -18dB MIN. : $-12+20 \text{ LOG } \left(\frac{F}{80 \text{ MHz}} \right)] \text{ dB MIN.}$
6.0	CROSS TALK:	1-100 MHz	: $-[33-20 \text{ LOG } \left(\frac{F}{50 \text{ MHz}} \right)] \text{ dB MIN.}$
7.0	COMMON TO COMMON MODE ATTENUATION:	100kHz TO 100MHz 200MHz 500MHz 1GHz	: -35dB TYP -35dB TYP -30dB TYP -30dB TYP
8.0	COMMON TO DIFFERENTIAL MODE ATTENUATION:	100kHz TO 100MHz 200MHz 500MHz 1GHz	: -35dB TYP -28dB TYP -35dB TYP -40dB TYP
9.0	RISE TIME: RS=100 OHMS AND RL = 100 OHMS OUTPUT VOLTAGE = 1 V peak PULSE WIDTH= 112nS		: 3.0 nS MAX : 3.0 nS MAX
10.0	DIELECTRIC WITHSTAND:	(J1,J2) TO (P10,P11) ; (J5,J4) TO (P3-P2) (J3,J6) TO (P5,P4) ; (J8,J7) TO (P9, P8)	: 1500 VAC : 1500 VAC

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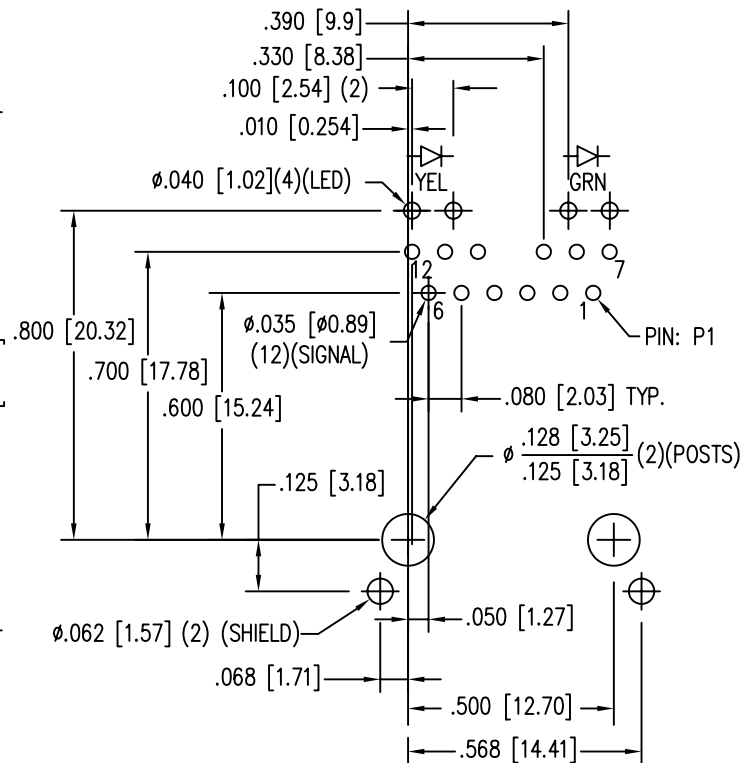
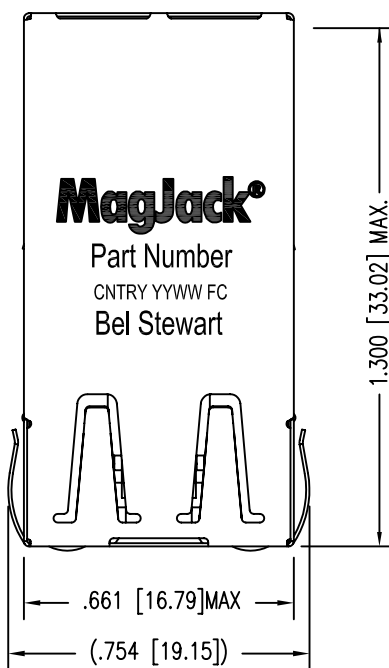
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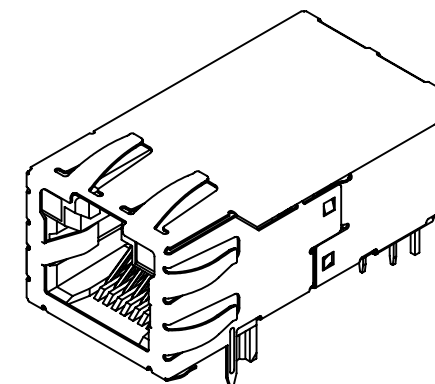
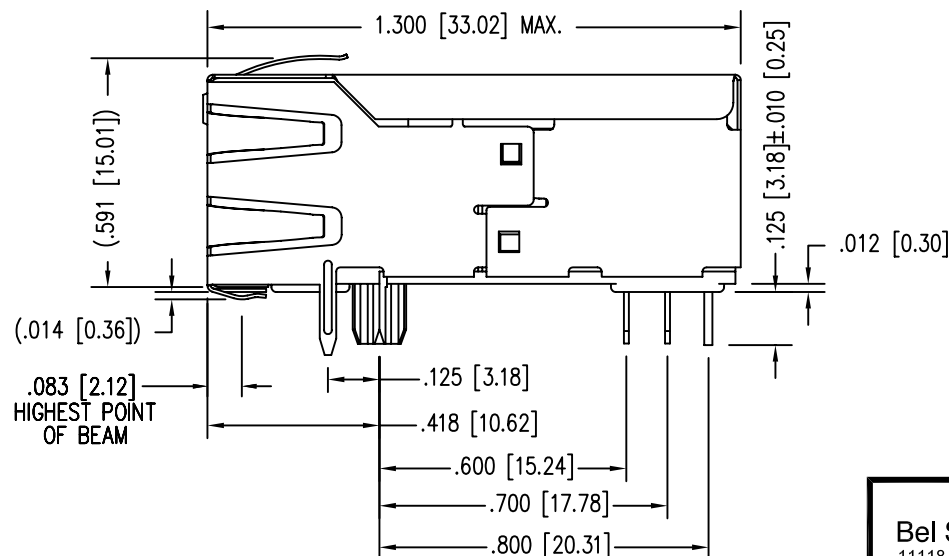
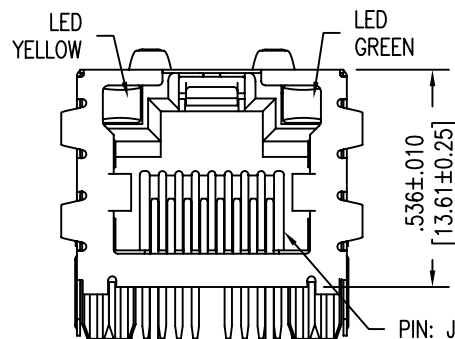
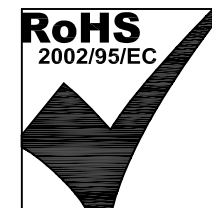


NOTES:

- 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 ± 0.005 [0.13]
- WAVE SOLDER COMPATIBLE - PREHEAT 125°C/90SECS.

STANDARD LED	WAVELENGTH	Forward V (MAX)	* (TYP)
YELLOW	590 nm	2.5 V	2.1 V
GREEN	565 nm	2.5 V	2.2 V

* WITH A FORWARD CURRENT OF 20 mA (TYP)



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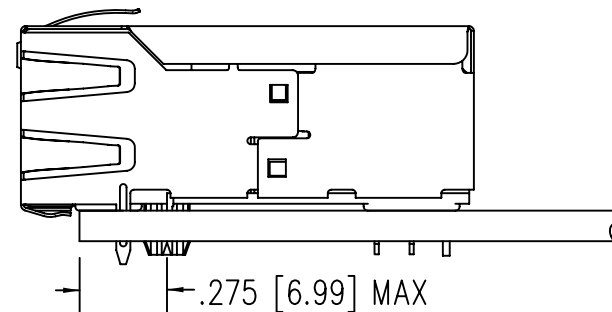
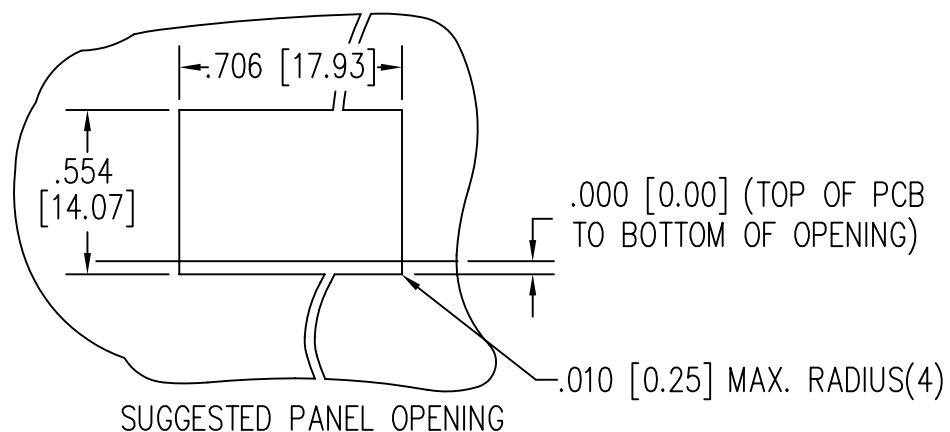
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1. THE SUGGESTED PANEL OPENING IS INTENDED TO GIVE THE USER THE ABILITY TO HAVE REASONABLE JACK / PANEL CLEARANCES YET MAINTAIN RELIABLE GROUNDING CAPABILITY.
2. ALL TOLERANCES NOT OTHERWISE SPECIFIED TO BE $\pm .005$ [0.13]

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