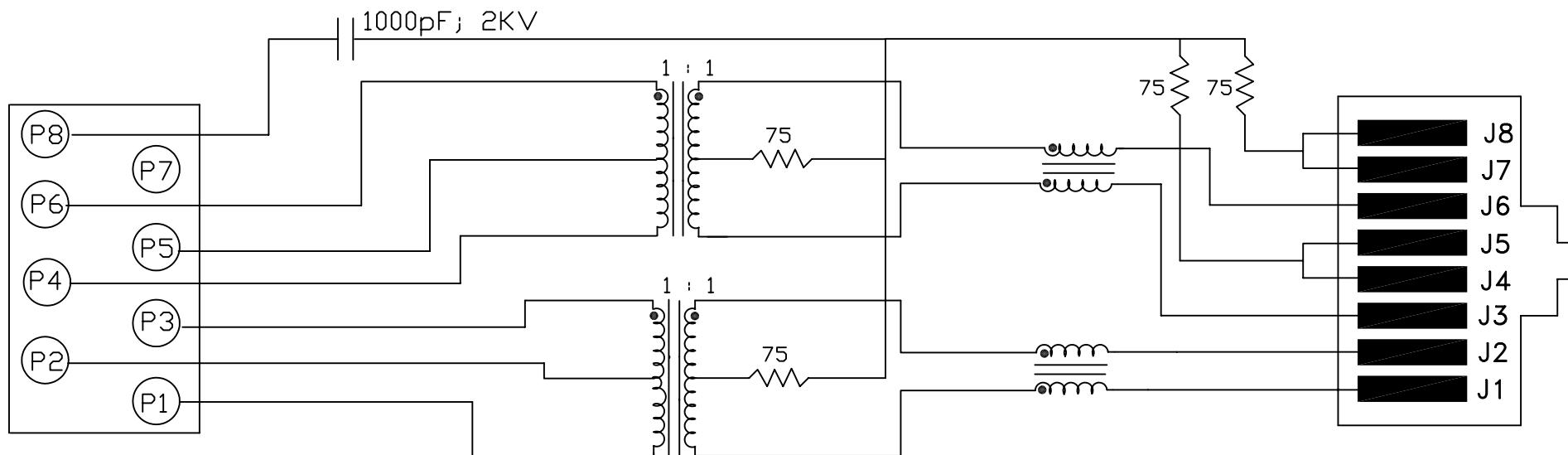


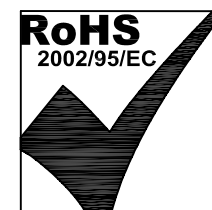


#### ELECTRICAL SPECIFICATIONS:

- |     |                                                                                  |                                                                                      |
|-----|----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| 1.0 | Turns Ratio: (P6-P5-P4) : (J6-J3)<br>(P3-P2-P1) : (J2-J1)                        | : 1CT : 1CT ± 3%<br>: 1CT : 1CT ± 3%                                                 |
| 2.0 | Inductance: (P6-P4)<br>(P3-P1)                                                   | : 350uH MIN. @ 0.1V, 100KHz, 8mA DC Bias<br>: 350uH MIN. @ 0.1V, 100KHz, 8mA DC Bias |
| 3.0 | Leakage Inductance: P6-P4 (WITH J6 AND J3 SHORT)<br>P3-P1 (WITH J2 AND J1 SHORT) | : 0.3 MAX. @ 1MHz<br>: 0.3 MAX. @ 1MHz                                               |
| 4.0 | Interwinding Capacitance: (P6,P5,P4) TO (J6,J3)<br>(P3,P2,P1) TO (J2,J1)         | : 30pf MAX @ 1MHz<br>: 30pf MAX. @ 1MHz                                              |
| 5.0 | DC Resistance: (J6-J3)=(J2-J1)                                                   | : 1.2 ohms Max.                                                                      |

#### NOTES

1.0 PINS WITHOUT ELECTRICAL CONNECTION ARE OMITTED.



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RECEIVE

6.0 RETURN LOSS: 1MHz TO 30MHz : 18dB MIN.  
60MHz TO 80MHz : 12dB MIN.

NOTE: 100 OHMS CONNECTED TO (J2-J1) OR (J6-J3).

7.0 DIELECTRIC WITHSTAND: (J1, J2) TO (P1, P3) : 1500 VAC  
(J3, J6) TO (P4, P6) : 1500 VAC

8.0 INSERTION LOSS: RS=RL=100 ohms :  
100KHz TO 100MHz : 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: 1MHz TO 100MHz : 40 dB TYP

11.0 COMMON TO COMMON MODE ATTENUATION: 30MHz TO 100MHz : 35dB TYP

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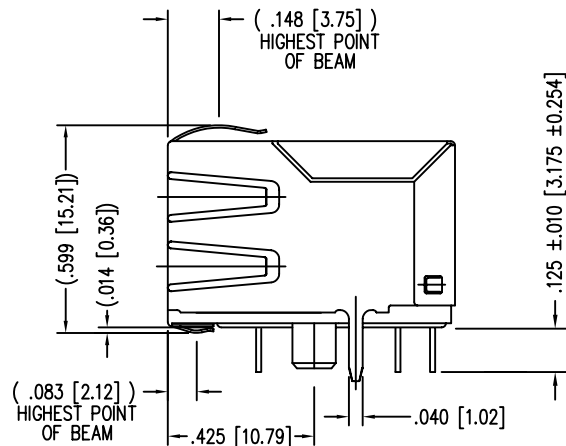
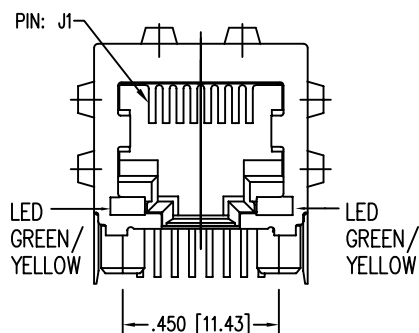
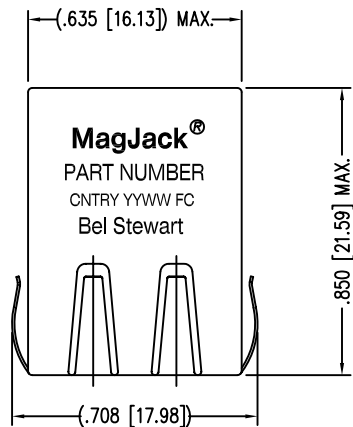
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2 OF 4

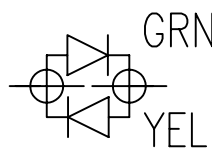
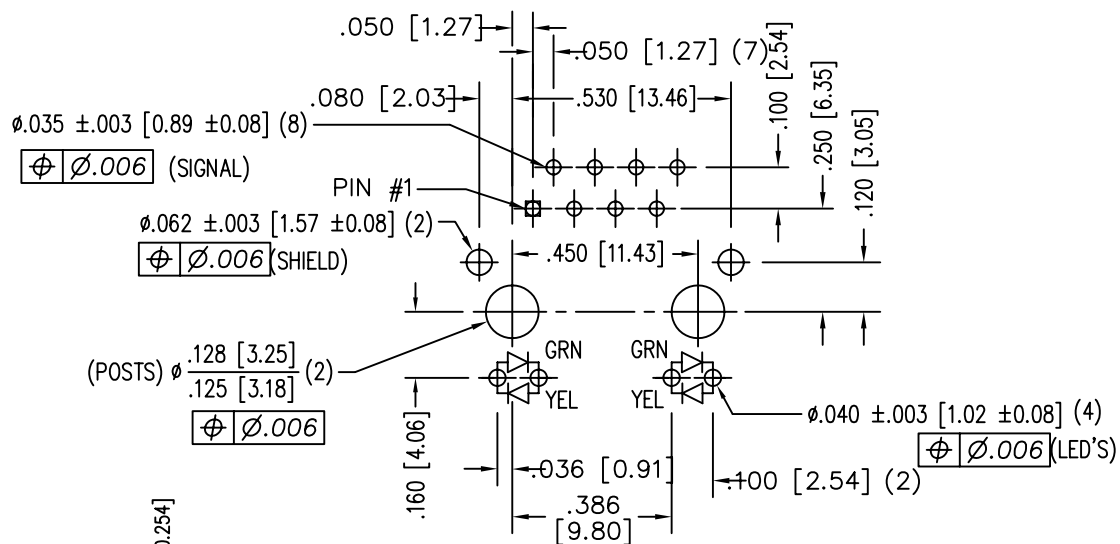
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| LED SPECIFICATION |            |                 |         |
|-------------------|------------|-----------------|---------|
| STANDARD LED      | WAVELENGTH | FORWARD V (MAX) | * (TYP) |
| GREEN             | 565 nm     | 2.5 V           | 2.2 V   |
| YELLOW            | 590 nm     | 2.5 V           | 2.1 V   |

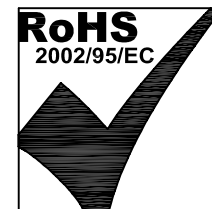
\*WITH A FORWARD CURRENT OF 20 mA (TYP)



TYP. LED POLARITY

#### 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]
- REFLOW AND WAVE SOLDER COMPATIBLE -260°C FOR 10 SECONDS MAX.



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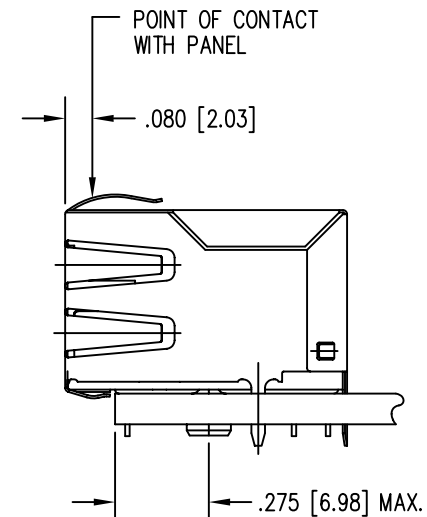
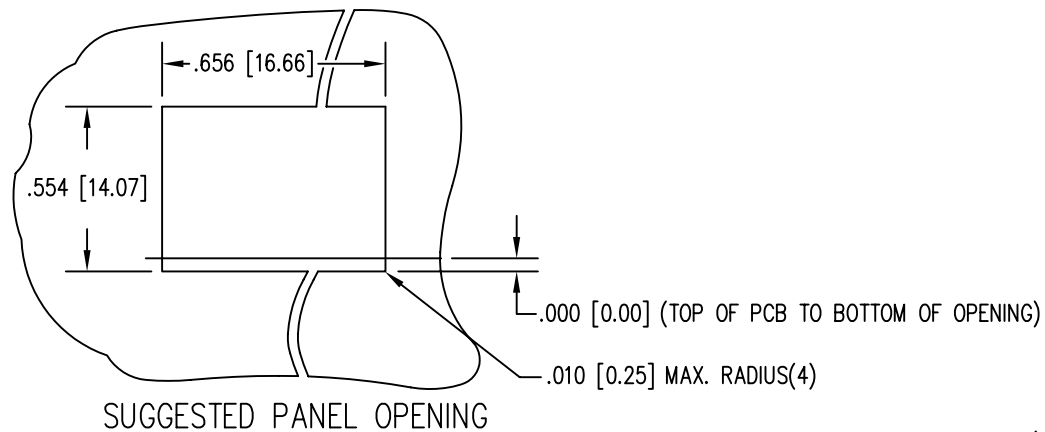
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1. THE SUGGESTED PANEL OPENING IS INTENDED TO GIVE THE USER THE ABILITY TO HAVE REASONABLE JACK / PANEL CLEARANCES YET MAINTAIN RELIABLE GROUNDING CAPABILITY.
2. ALL TOLERANCES NOT OTHERWISE SPECIFIED TO BE  $\pm 0.005$  [0.13]

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