

ELECTRICAL SPECIFICATIONS:

- |     |                           |                              |  |
|-----|---------------------------|------------------------------|--|
| 1.0 | URNS RATIO:               | (P6-P5-P4) : (J6-J3)         | : 1CT : 1CT ± 3%                         |
|     |                           | (P3-P2-P1) : (J2-J1)         | : 1CT : 1CT ± 3%                         |
| 2.0 | INDUCTANCE:               | (P6-P4)                      | : 350uH MIN. @ 0.1V, 100KHz, 8mA DC Bias |
|     |                           | (P3-P1)                      | : 350uH MIN. @ 0.1V, 100KHz, 8mA DC Bias |
| 3.0 | LEAKAGE INDUCTANCE:       | P6-P4 (WITH J6 AND J3 SHORT) | : 0.3 MAX. @ 1MHZ                        |
|     |                           | P3-P1 (WITH J2 AND J1 SHORT) | : 0.3 MAX. @ 1MHZ                        |
| 4.0 | INTERWINDING CAPACITANCE: | (P6,P5,P4) TO (J6,J3)        | : 30pf MAX @ 1MHZ                        |
|     |                           | (P3,P2,P1) TO (J2,J1)        | : 30pf MAX. @ 1MHZ                       |
| 5.0 | DC RESISTANCE:            | (J6-J3)=(J2-J1)              | 1.2 ohms Max.                            |

NOT  
1.0  
CON

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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).

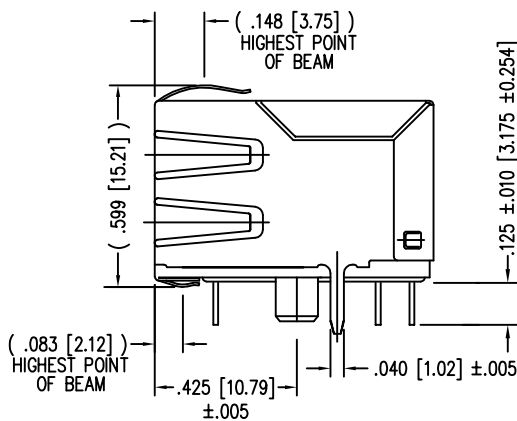
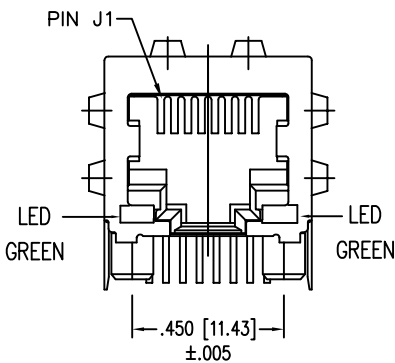
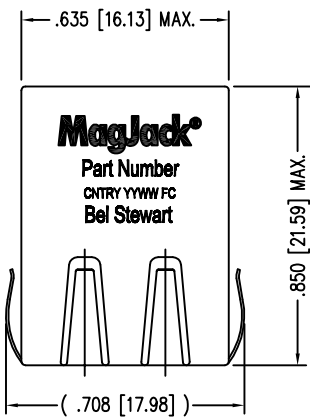
7.0 DIELECTRIC WITHSTAND: (J1, J2) TO (P1, P3) : 1500 VAC  
(J3, J6) TO (P4,P6) : 1500 VAC

8.0 INSERTION LOSS: RS=RL=100 ohms : 1.1 dB TYP  
100KHz TO 100MHz

9.0 RISE TIME: RS=100 OHMS AND RL = 100 OHMS : 3.0 nS MAX  
OUTPUT VOLTAGE = 1 V peak : 3.0 nS MAX  
PULSE WIDTH= 112nS

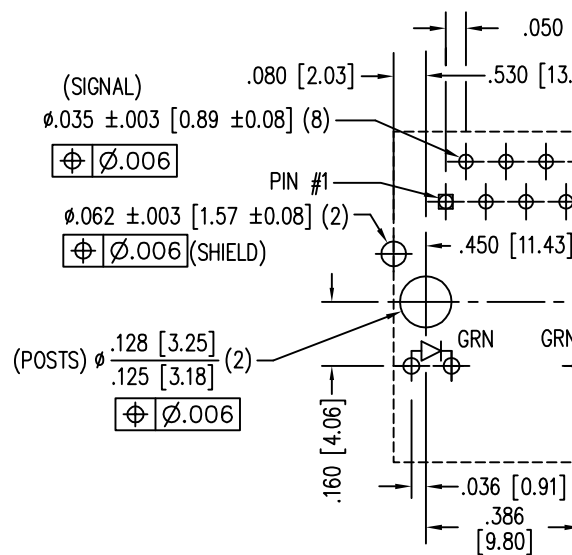
10.0 CROSS TALK: 1MHz TO 100MHz : 40 dB TYP

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



LED SPECIFICATION			
STANDARD LED	WAVELENGTH	* Forward V (MAX)	(TYP)
GREEN	565 nm	2.5 V	2.1 V

\*WITH A FORWARD CURRENT OF 20 mA



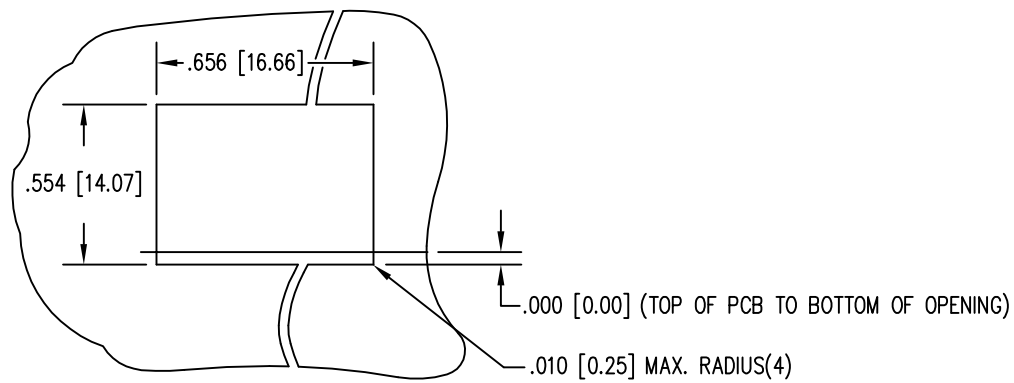
P.C.B. RECOMMENDED HOUSING  
SEEN FROM COMPONENT SIDE

ALL CENTERLINE DIMENSIONS

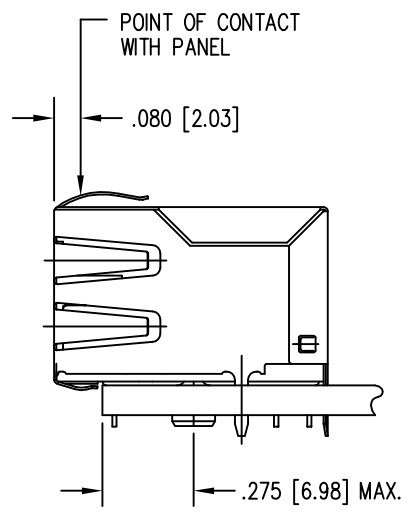
NOTES:

1. CONNECTOR MATERIAL: BRASS  
HOUSING: THERMOPLASTIC  
CONTACT/SHIELD: COPPER  
SHIELD PLATING: GOLD  
CONTACT PLATING: GOLD
2. PIN NOT ELECTRICAL  
SEE ELECTRICAL DRAWING
3. TOLERANCES COMPLIANT WITH ASME Y14.5-2009
4. WAVE SOLDER COMPATIBLE  
HIGH TEMPERATURE

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SUGGESTED PANEL OPENING



THE SUGGESTED PANEL OPENING IS INTENDED TO GIVE THE USER THE ABILITY TO REMOVE THE REASONABLE JACK / PANEL CONNECTOR WITHOUT YET MAINTAIN RELIABLE GROUNDING CAPABILITY.