

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-P5-P4)                      | : 350uH MIN. @ 0.1V, 100KHz, 8mA DC Bias |
|     |                           | (P3-P2-P1)                      | : 350uH MIN. @ 0.1V, 100KHz, 8mA DC Bias |
| 3.0 | LEAKAGE INDUCTANCE:       | P6-P5-P4 (WITH J6 AND J3 SHORT) | : 0.3 MAX. @ 1MHZ                        |
|     |                           | P3-P2-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.                          |

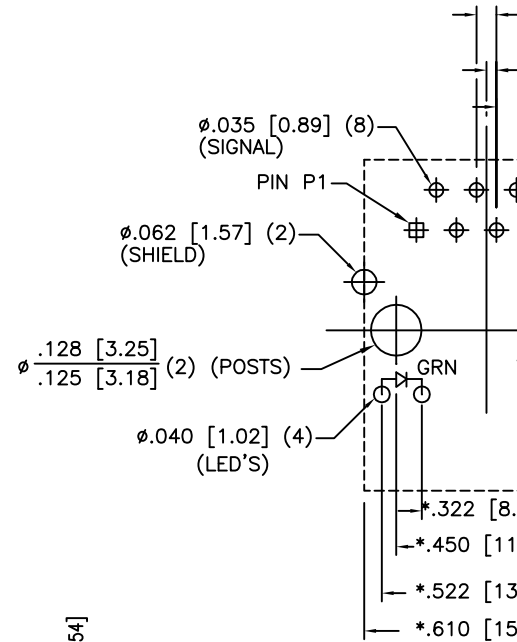
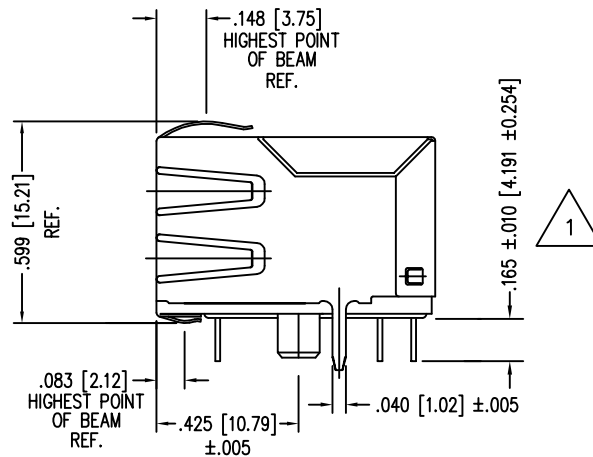
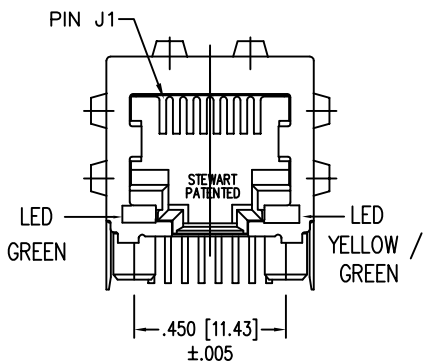
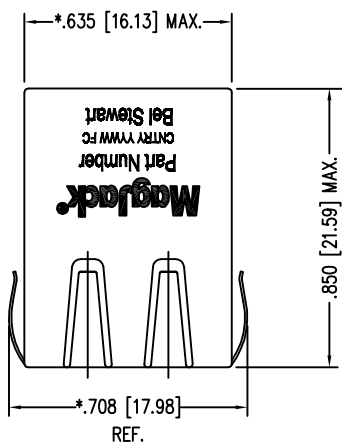
NOT  
1.0  
CON

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RECEIVE

- 6.0 RETURN LOSS: (P6-P4)=100 OHMS AND (P1-P3)=100 OHM REF.  
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



P.C.B. RECOMMEND  
SEEN FROM CO  
TOLERANCE  $\pm .003 [0.08] \text{ UN}$

**NOTES:**

- TOLERANCES COMPLY WITH F.C.C. DIMENSION REQUIREMENTS
- DIMENSIONS SHOWN WITH "\*" TO BE CENTRAL ABOUT CENTER LINE
- DIMENSIONS SHOWN ARE SUBJECT TO CHANGE WITHOUT NOTICE.
- PIN NOT ELECTRICALLY CONNECTED MAYBE OMITTED. SEE ELECTRICAL DRAWING FOR OMITTED PINS.
- STANDARD 50 MICRO-INCH SELECTIVE GOLD PLATING.
- HIGH TEMPERATURE REFLOW COMPATABLE - 230°C/90 SEC MAX

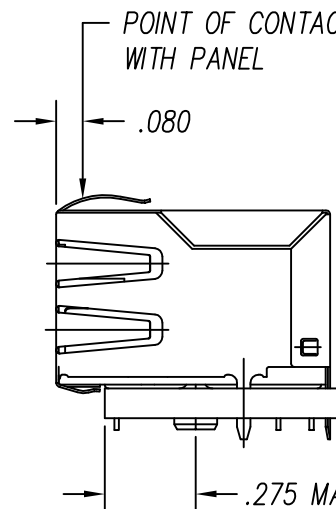
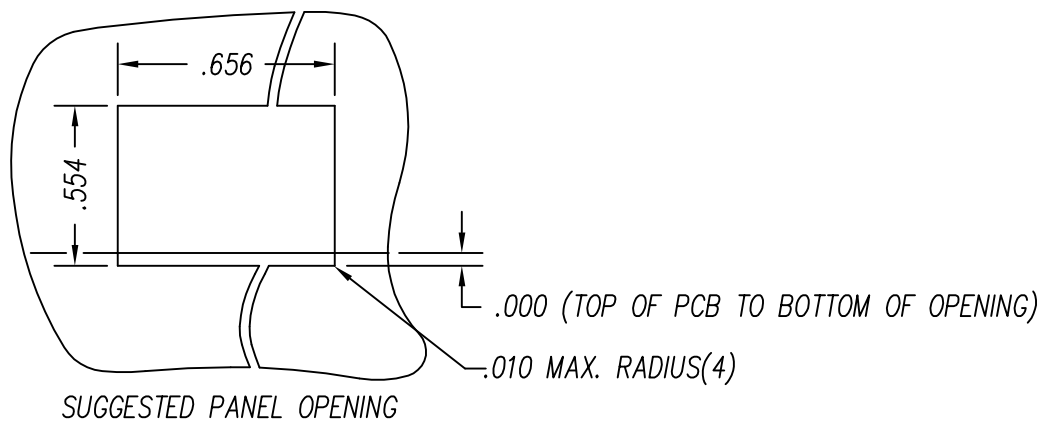
**LED SPECIFICATIONS**

- COLOR: GREEN
- FORWARD VOLTAGE(20mA) : 2.5v (MAX)
- FORWARD VOLTAGE(20mA) : 2.1V (TYP)
- POWER DISSIPATION : 105mW
- WAVE LENGTH: 590nm
- LUMINOUS INTENSITY (10mA) : 2-8 MCD

1 NOTICE LEAD LENGTH  
CT720034X1/24-0284

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THE SUGGESTED PANEL OPENING IS INTENDED TO GIVE THE USER THE MOST ACCESSIBLE REASONABLE JACK / PANEL CONNECTION YET MAINTAIN RELIABLE CONTACT CAPABILITY.

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SHEET  
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