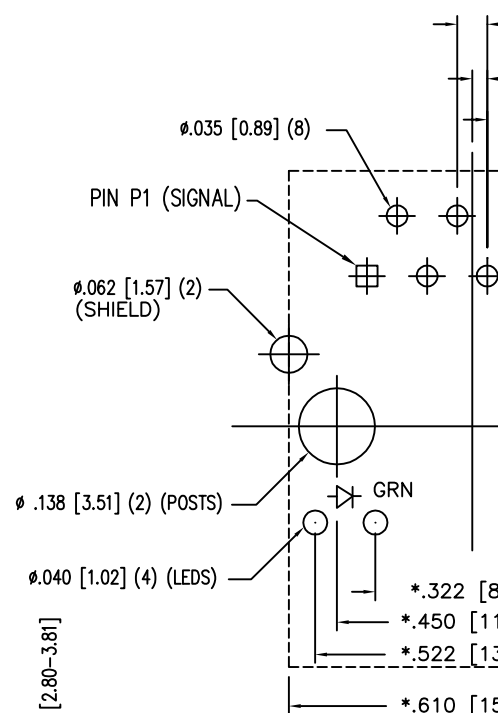
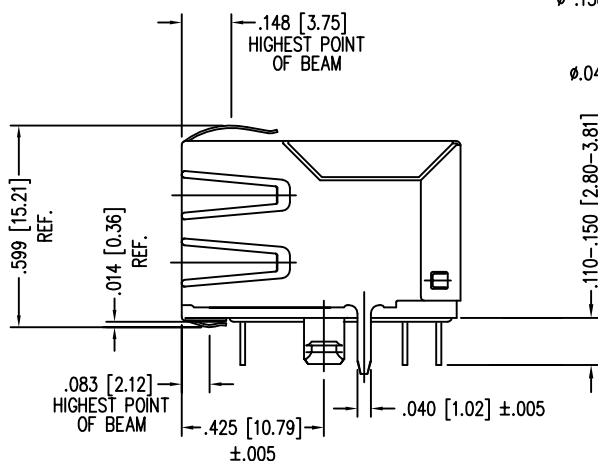
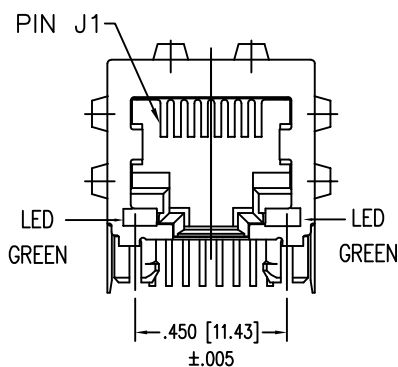
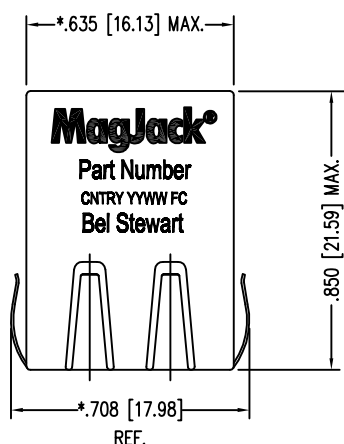


# ELECTRICAL SPECIFICATIONS:

- 1.0 TURNS RATIO:  $\begin{matrix} (P6-P5-P4) \\ (P3-P2-P1) \end{matrix} : \begin{matrix} (J6-J3) \\ (J2-J1) \end{matrix}$  : 1CT :  $1 \pm 3\%$   
: 1CT :  $1 \pm 3\%$
- 2.0 INDUCTANCE:  $\begin{matrix} (P6-P4) \\ (P3-P1) \end{matrix}$  : 350uH MIN. @ 0.1V, 100KHz, 8mA DC Bias  
: 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:  $\begin{matrix} (P6,P5,P4) \\ (P3,P2,P1) \end{matrix}$  TO  $\begin{matrix} (J6,J3) \\ (J2,J1) \end{matrix}$  : 30pf MAX @ 1MHz  
: 30pf MAX. @ 1MHz
- 5.0 DC RESISTANCE:  $\begin{matrix} (J1-J2) \\ (P6-P4) \end{matrix}$  : 1.2 ohms Max.  
: 1.2 ohms Max.

RECEIVE

6.0 RETURN LOSS: 1MHz TO 30MHz	: 18dB MIN.
60MHz TO 80MHz	: 12dB MIN.
(P1- P3) = 100 OHMS	
(J3 - J6) = 100 OHMS	
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	: 35 dB TYP
11.0 COMMON TO COMMON MODE ATTENUATION: 1MHz TO 100MHz	: 35dB TYP



P.C.B. RECOMMENDED  
SEEN FROM COMP  
TOLERANCE  $\pm .003$  [0.08] UNLESS

#### 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.
- WAVE SOLDER COMPATIBLE - 125°C/90 SEC MAX

CT720034X1/24-001902

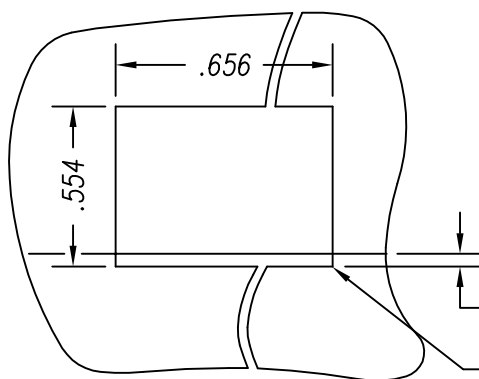
#### LED SPECIFICATIONS

- 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

THIS DRAWING AND THE SUBJECT MATTER SHOWN THEREON ARE CONFIDENTIAL AND PROPERTY OF BEL STEWART CONNECTOR AND SHALL NOT BE REPRODUCED, COPIED, OR USED IN ANY MANNER WITHOUT PRIOR WRITTEN CONTENT OF BEL STEWART CONNECTOR. THE SUBJECT MATTER MAY BE PATENTED OR A PATENT MAY BE PENDING.

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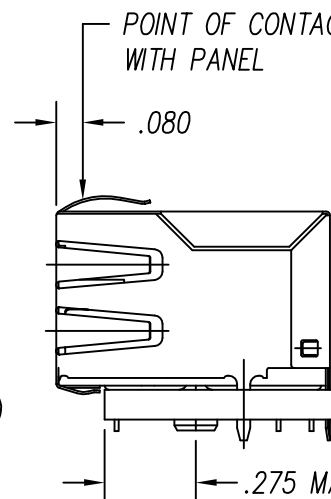
SHEET  
3 OF 4



SUGGESTED PANEL OPENING

.000 (TOP OF PCB TO BOTTOM OF OPENING)

.010 MAX. RADIUS(4)



THE SUGGESTED PANEL  
TO GIVE THE USER THE  
REASONABLE JACK / PA  
YET MAINTAIN RELIABLE  
CAPABILITY.