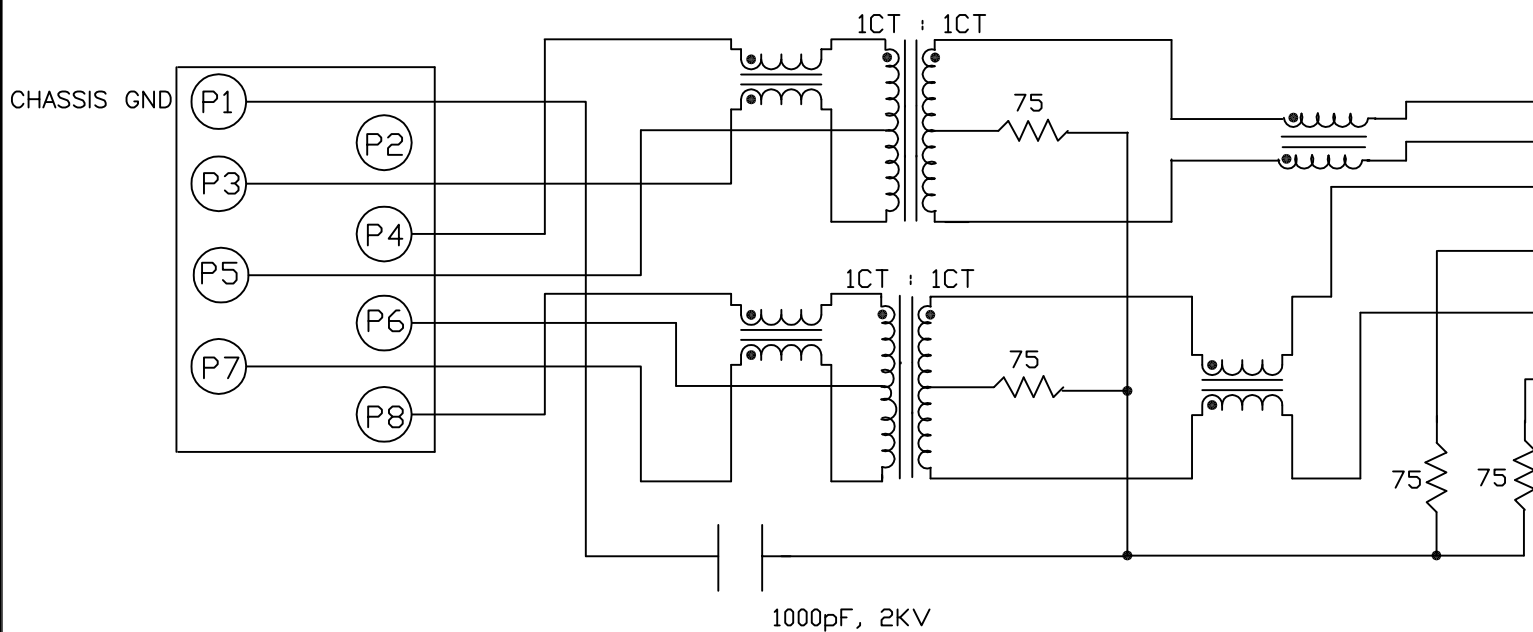




ELECTRICAL SPECIFICATIONS:

- | | | | |
|-----|---------------------------|--|--|
| 1.0 | Turns Ratio: | $\{P8-P6-P7\} : \{J3-J6\}$
$\{P4-P5-P3\} : \{J1-J2\}$ | : 1CT : 1CT $\pm$ 3%
: 1CT : 1CT $\pm$ 3% |
| 2.0 | Inductance: | $\{P4-P3\}$
$\{P8-P7\}$ | : 350uH MIN. @ 0.1V, 100KHz, 8mA DC Bias
: 350uH MIN. @ 0.1V, 100KHz, 8mA DC Bias |
| 3.0 | Leakage Inductance: | P8-P7 (WITH J6 AND J3 SHORT)
P4-P3 (WITH J2 AND J1 SHORT) | : 0.3 MAX. @ 1MHz
: 0.3 MAX. @ 1MHz |
| 4.0 | Interwinding Capacitance: | $\{P8,P6,P7\}$ TO $\{J6,J3\}$
$\{P4,P5,P3\}$ TO $\{J2,J1\}$ | : 30pf MAX @ 1MHz
: 30pf MAX. @ 1MHz |
| 5.0 | DC Resistance: | $(J6-J3)=(J2-J1)$ | : 1.4 ohms Max. |

NOTE

1.0 P
CON

Bel Stewart C
11118 Susquehanna
Glen Rock, Pa 1732
717.234.7512

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RECEIVE

6.0 RETURN LOSS: (P8-P7)=100 OHMS AND (P4-P3)=100 OHM REF.

1MHz TO 30MHz

: 18dB MIN.

30MHz TO 80MHz

: 12dB MIN.

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

7.0 DIELECTRIC WITHSTAND: (J1, J2) TO (P4, P3)
(J3, J6) TO (P8, P7)

: 1500 VAC

: 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
PULSE WIDTH= 112nS

: 3.0 nS MAX

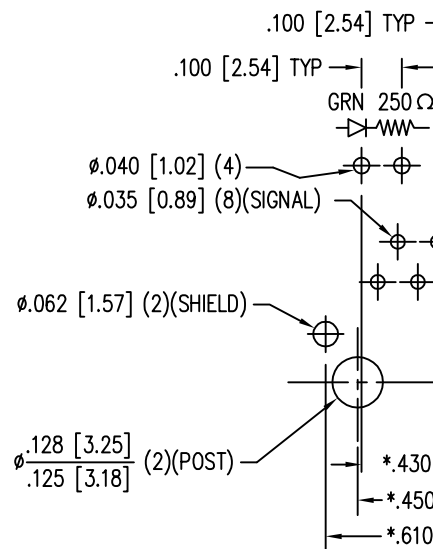
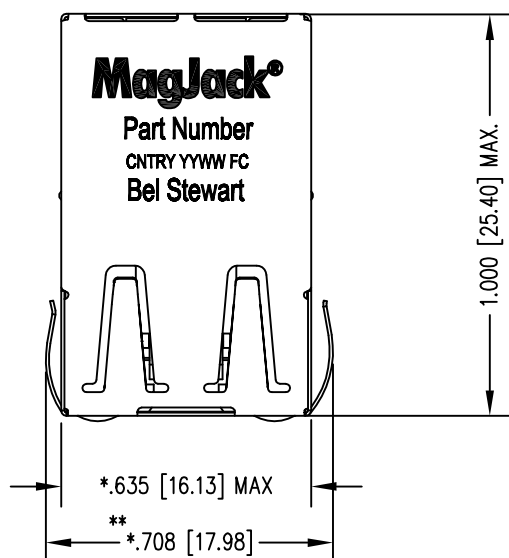
: 3.0 nS MAX

10.0 CROSS TALK: 1-100 MHz

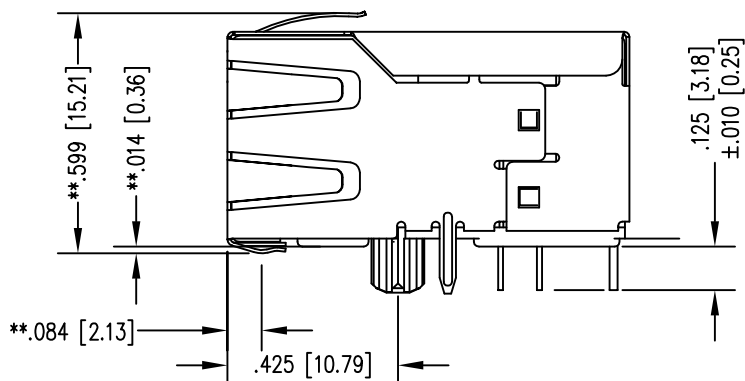
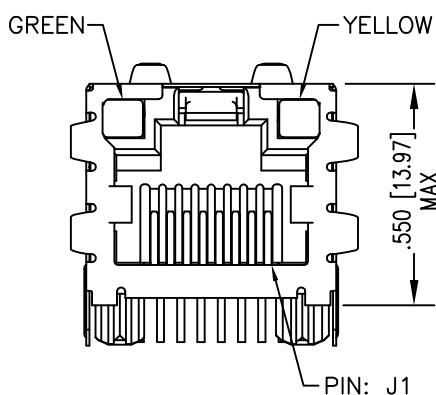
: 30 dB TYP

11.0 COMMON TO COMMON MODE ATTENUATION: 1MHz TO 100MHz

: 35dB TYP



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



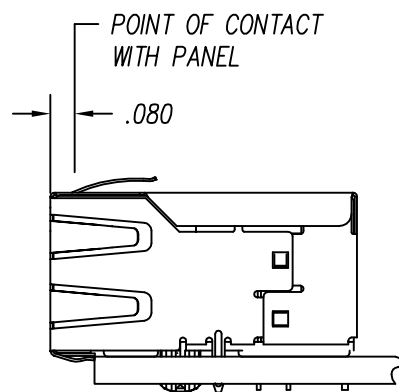
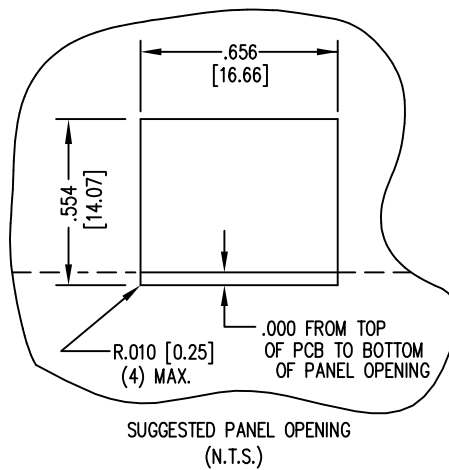
- NOTES:
- TOLERANCE
 - DIMENSIONS
 - ABOUT CEN
 - DIMENSIONS
 - PIN NOT E
 - SEE ELECT
 - STANDARD
 - REFLOW CO
 - ALL POLYM

MI50005/24-0266 X

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Bel Stewart C
11118 Susquehanna
Glen Rock, Pa 1732
717.234.7512

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Bel Stewart C
11118 Susquehanna
Glen Rock, Pa 1732
717.234.7512

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