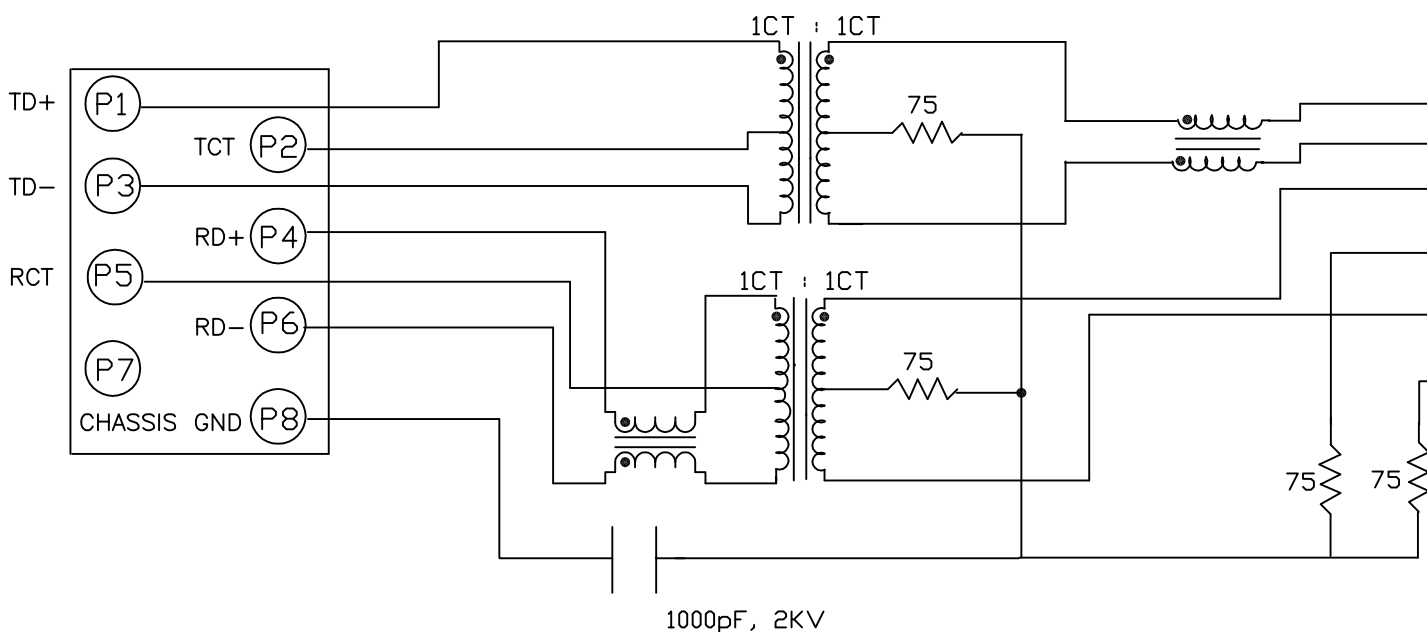




ELECTRICAL SPECIFICATIONS:

1.0 TURNS RATIO: $\{P4-P5-P6\} : \{J3-J6\}$
 $\{P3-P2-P1\} : \{J1-J2\}$

: 1CT : 1CT $\pm$ 3%
: 1CT : 1CT $\pm$ 3%

2.0 INDUCTANCE: $\{J3-J6\}$
 $\{P3-P1\}$

: 350uH MIN. @ 0.1V, 100KHz, 8mA DC Bias
: 350uH MIN. @ 0.1V, 100KHz, 8mA DC Bias

3.0 LEAKAGE INDUCTANCE: P6-P5-P4 (WITH J6 AND J3 SHORT)
P3-P2-P1 (WITH J2 AND J1 SHORT)

: 0.3 MAX. @ 1MHz
: 0.3 MAX. @ 1MHz

4.0 INTERWINDING CAPACITANCE: $\{P6,P5,P4\}$ TO $\{J6,J3\}$
 $\{P3,P2,P1\}$ TO $\{J2,J1\}$

: 30pf MAX @ 1MHz
: 30pf MAX. @ 1MHz

5.0 DC RESISTANCE: $(J6-J3)=(J2-J1)$

: 1.2 ohms Max.

NOTE

1.0 P
CON

RECEIVE

6.0 RETURN LOSS: (J3-J6)=100 OHMS AND (P1-P3)=100 OHM REF.

1MHz TO 30MHz

: 18dB MIN.

30MHz TO 80MHz

: 12dB MIN.

NOTE: 100 OHMS CONNECTED TO (J2-J1) OR (P6-P4).

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

: 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

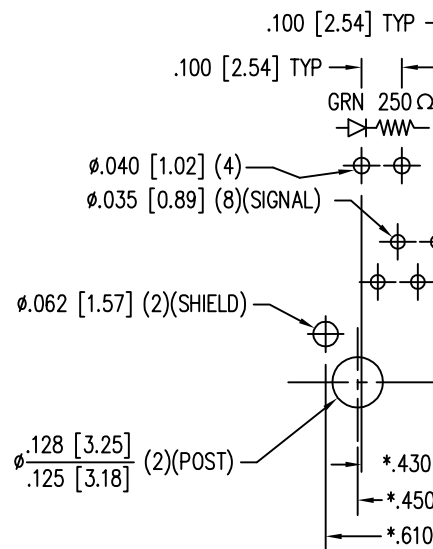
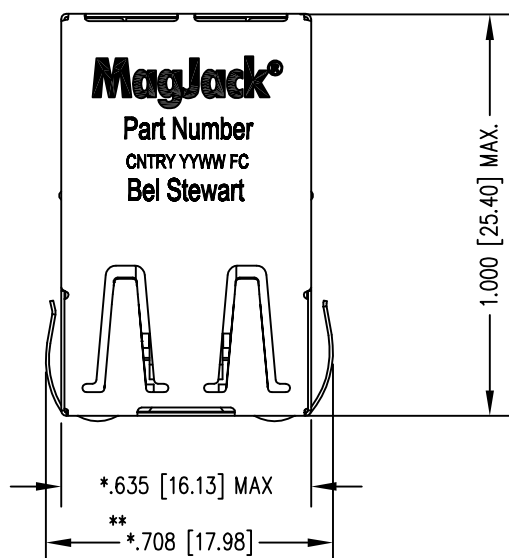
: 3.0 nS MAX

10.0 CROSS TALK: 1-100 MHz

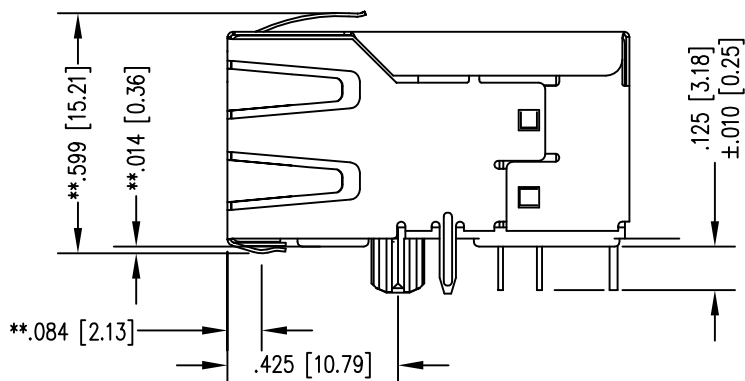
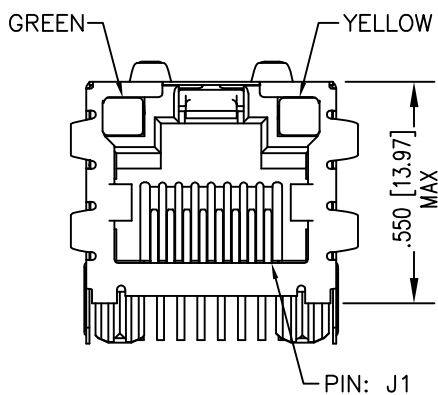
: 30 dB TYP

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

: 35dB TYP



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



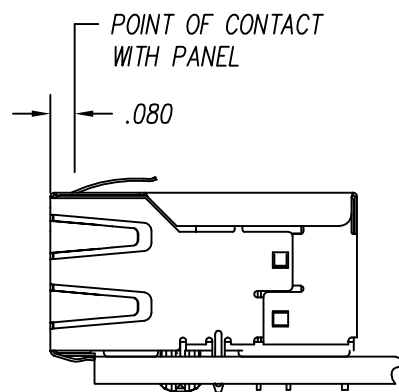
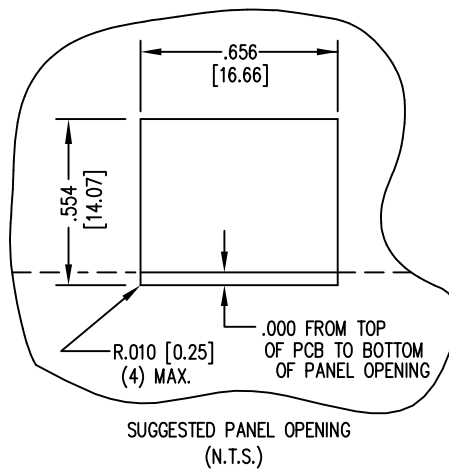
- NOTES:
- TOLERANCE
 - DIMENSIONS
 - ABOUT CEN
 - DIMENSIONS
 - PIN NOT E
 - SEE ELECT
 - STANDARD
 - REFLOW CO
 - ALL POLYM

MI50005/24-0266 X

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