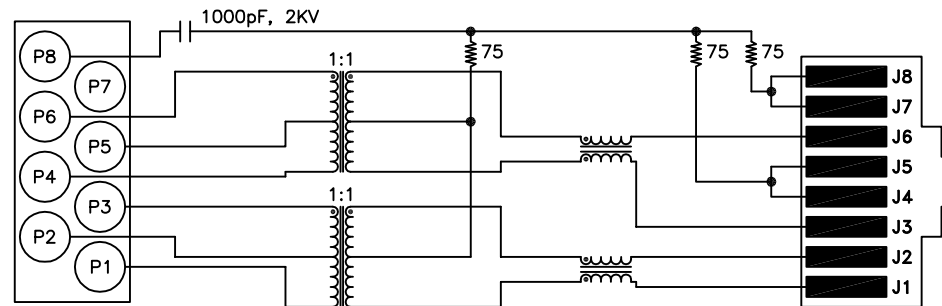




NOTES:

1.0 PINS WITHOUT ELECTRICAL CONNECTION ARE OMITTED.

ELECTRICAL SPECIFICATIONS:

- 1.0 TURNS RATIO: $\{P6-P5-P4\} : \{J6-J3\}$: 1CT : 1CT $\pm 3\%$
 $\{P3-P2-P1\} : \{J2-J1\}$: 1CT : 1CT $\pm 3\%$
- 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.
- 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
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 : 40 dB TYP
- 11.0 COMMON TO COMMON MODE ATTENUATION: 30MHz TO 100MHz : 35dB TYP

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Glen Rock, Pa 17327-9199
717.234.7512

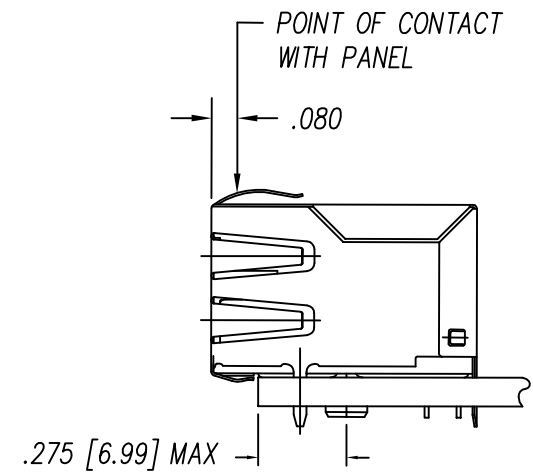
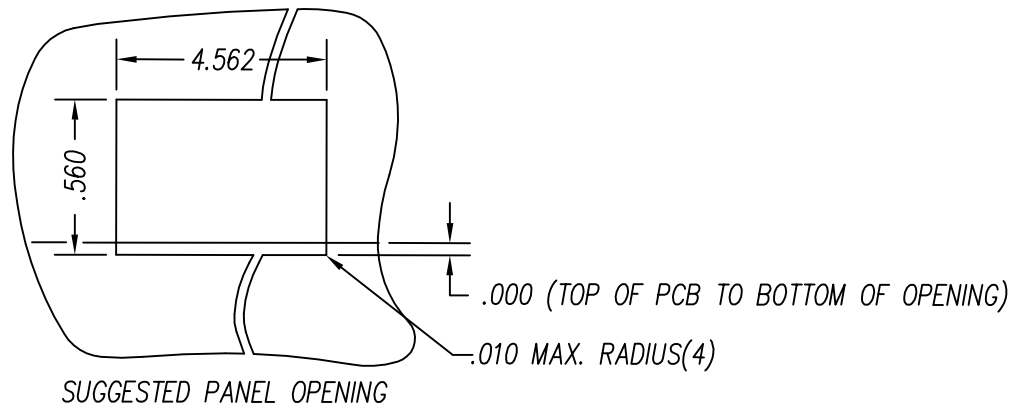
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