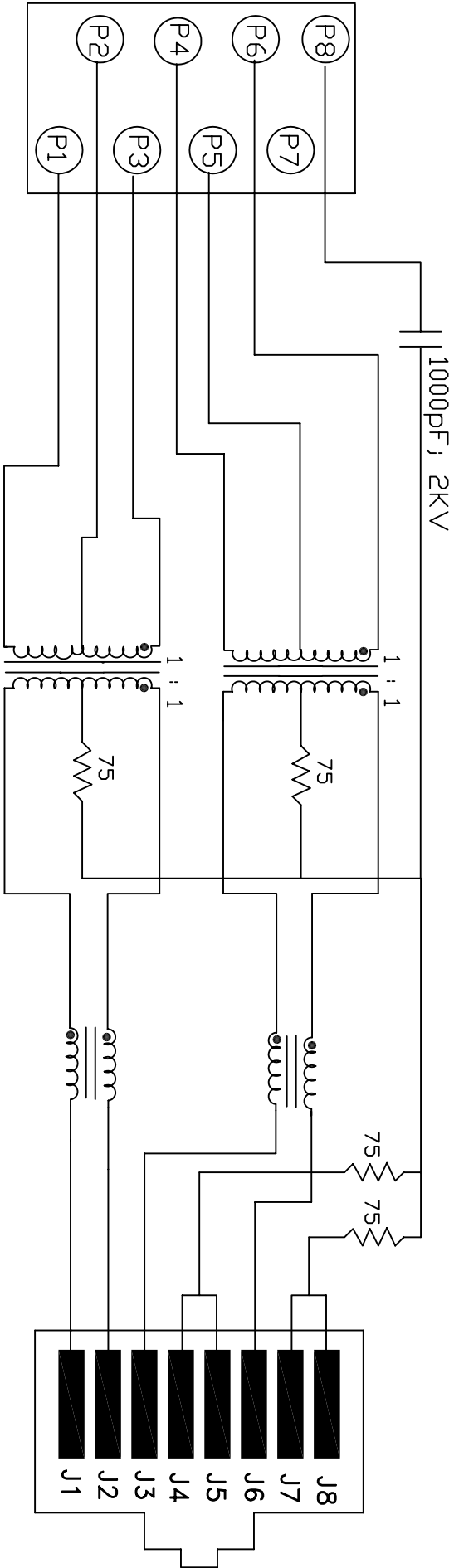


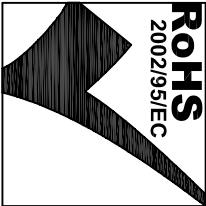


ELECTRICAL SPECIFICATIONS:

- 1.0 TURNS RATIO: $\{P6-P5-P4\} : \{J6-J3\}$
 $\{P3-P2-P1\} : \{J2-J1\}$
: 1CT : 1CT $\pm 3\%$
: 1CT : 1CT $\pm 3\%$
- 2.0 INDUCTANCE: $\{P6-P4\}$
 $\{P3-P1\}$
: 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)
 $P3-P1$ (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.

NOTES

1.0 PINS WITHOUT ELECTRICAL CONNECTION ARE OMITTED.



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RECEIVE

6.0 RETURN LOSS: 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

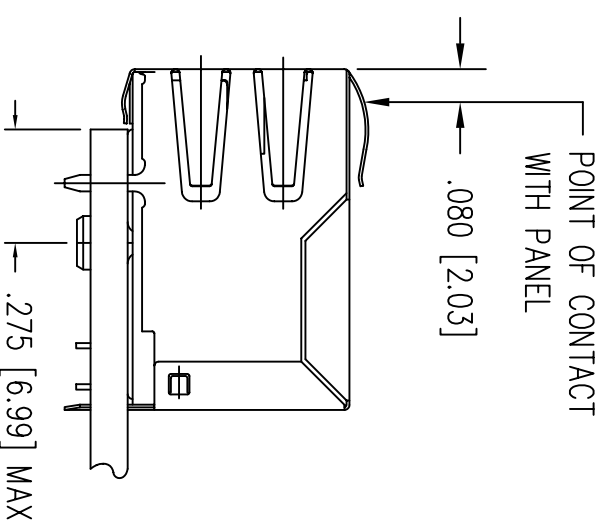
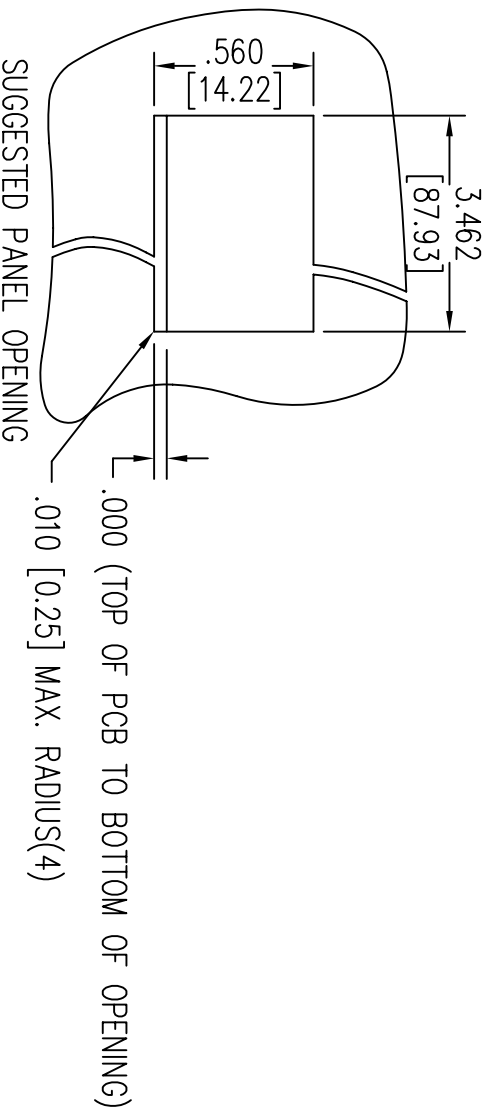
9.0 RISE TIME: RS=100 OHMS AND RL = 100 OHMS : 3.0 nS MAX
OUTPUT VOLTAGE = 1 V peak : 3.0 nS MAX
PULSE WIDTH= 112nS

10.0 CROSS TALK: 1MHz TO 100MHz : 40 dB TYP

11.0 COMMON TO COMMON MODE ATTENUATION: 30MHz TO 100MHz : 35dB TYP

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THE SUGGESTED PANEL OPENING IS INTENDED TO GIVE THE USER THE ABILITY TO HAVE REASONABLE JACK / PANEL CLEARANCES YET MAINTAIN RELIABLE GROUNDING CAPABILITY.

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MagJack

SHEET 4 OF 4 DRAWING NO. SI-60122-F REV. 02