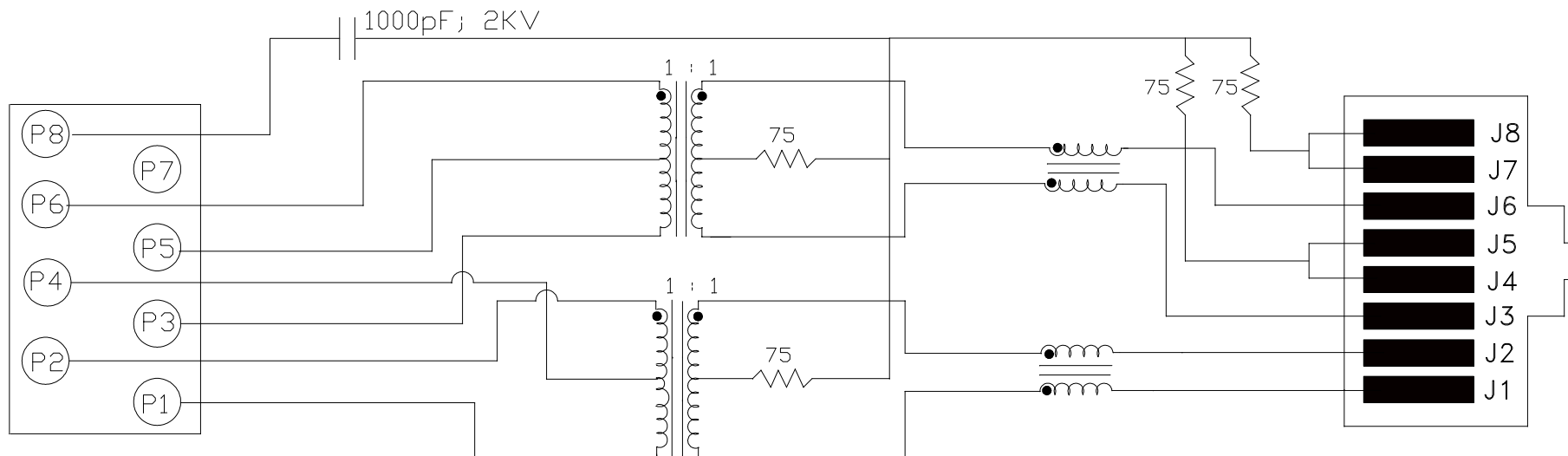


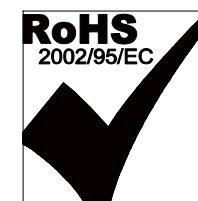


ELECTRICAL SPECIFICATIONS:

- 1.0 TURNS RATIO: $(P3-P5-P6) : (J3-J6)$: 1CT : 1CT $\pm$ 3%
 $(P1-P4-P2) : (J1-J2)$: 1CT : 1CT $\pm$ 3%
- 2.0 INDUCTANCE: $(P1-P2)$: 350uH MIN. @ 0.1V, 100KHz, 8mA DC Bias
 $(P3-P6)$: 350uH MIN. @ 0.1V, 100KHz, 8mA DC Bias
- 3.0 LEAKAGE INDUCTANCE: $P6-P3$ (WITH J6 AND J3 SHORT) : 0.3 MAX. @ 1MHz
 $P2-P1$ (WITH J2 AND J1 SHORT) : 0.3 MAX. @ 1MHz
- 4.0 INTERWINDING CAPACITANCE: $(P6,P5,P3)$ TO $(J6,J3)$: 30pf MAX @ 1MHz
 $(P2,P4,P1)$ TO $(J2,J1)$: 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: (P6-P4)=100 OHMS AND (P1-P2)=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, P2) : 1500 VAC
(J3, J6) TO (P3, 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

12.0 OPERATING TEMPERATURE : 0°C TO 70°C

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SHEET

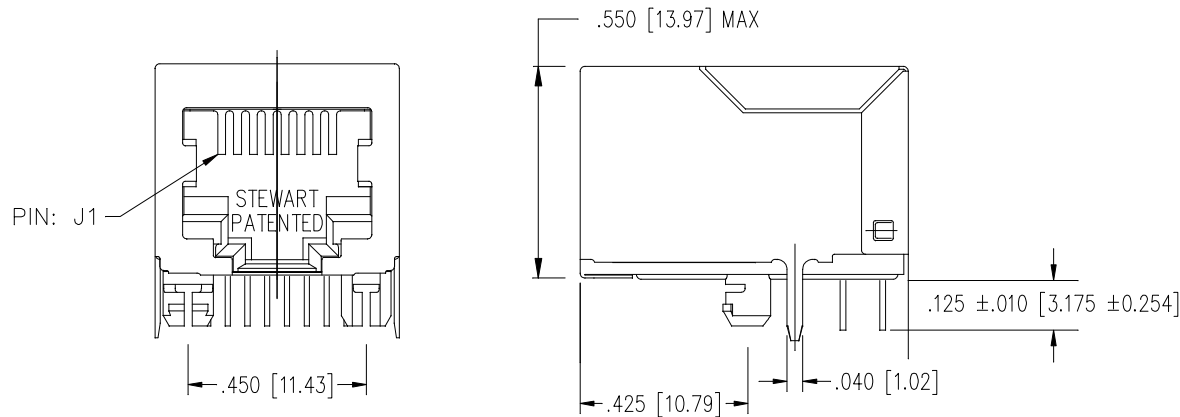
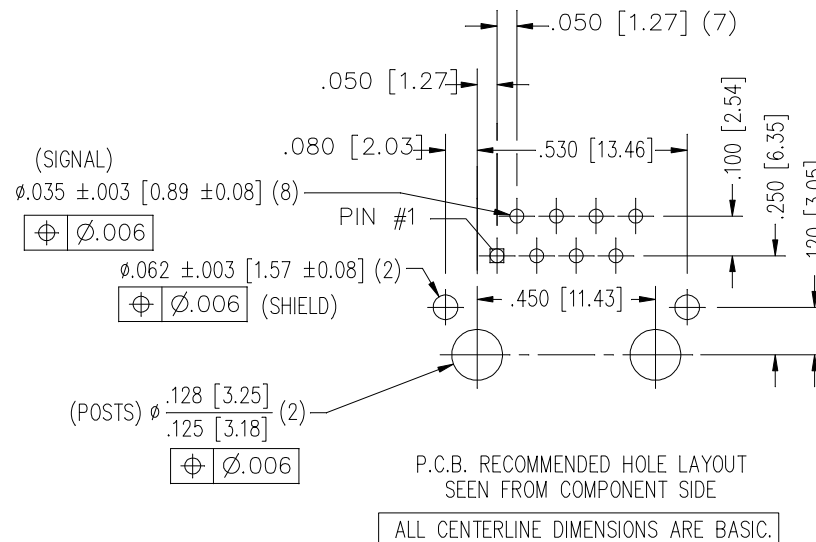
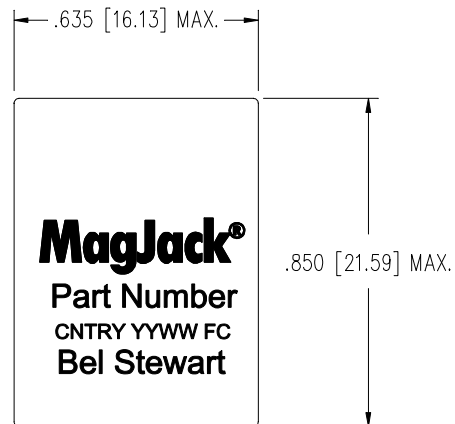
2 OF 3

DRAWING NO.

SI-60160-F

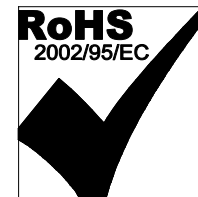
REV.

09



NOTES:

- CONNECTOR MATERIALS:
HOUSING: THERMOPLASTIC UL94 V-0
CONTACT/SHIELD: COPPER ALLOY
SHIELD PLATING: NICKEL OR TIN
CONTACT PLATING: SELECTIVE GOLD,
50 MICRO-INCHES MIN. IN CONTACT AREA.
- PIN NOT ELECTRICALLY CONNECTED MAYBE OMITTED.
SEE ELECTRICAL DRAWING FOR OMITTED PINS.
- TOLERANCES COMPLY WITH F.C.C. DIMENSION REQUIREMENTS.
- ALL TOLERANCES NOT OTHERWISE SPECIFIED TO BE $\pm .005 [0.13]$
- WAVE SOLDER COMPATIBLE - PREHEAT 125°C/90SECS.



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SHEET	DRAWING NO.	REV.
3 OF 3	SI-60160-F	08