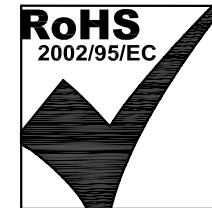


ELECTRICAL SPECIFICATIONS:

- 1.0 TURNS RATIO: (P6-P5-P3) : (J6-J3) : 1CT : 1CT ± 3%
 (P2-P4-P1) : (J2-J1) : 1CT : 1CT ± 3%
- 2.0 INDUCTANCE: (P6-P3) : 350uH MIN. @ 0.1V, 100KHz, 8mA DC Bias
 (P2-P1) : 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) : 35pf MAX @ 1MHz
 (P2,P4,P1) TO (J2,J1) : 35pf 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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6.0 RETURN LOSS: $(P6-P3)=100 \text{ OHMS}$ AND $(P1-P2)=100 \text{ OHM REF.}$
 1MHz TO 30MHz : 18dB MIN.
 60MHz TO 80MHz : 12dB MIN.
 NOTE: 100 OHMS CONNECTED TO (J2-J1) OR (J6-J3).

7.0 VOLTAGE WITHSTAND:
 (J1, J2) TO (P1, P2) : 1500 VAC
 (J3, J6) TO (P3,P6) : 1500 VAC

8.0 INSERTION LOSS: $RS=RL=100 \text{ ohms}$
 100KHz TO 100MHz 1.1 dB TYP

9.0 RISE TIME: $RS=100 \text{ OHMS}$ AND $RL = 100 \text{ OHMS}$
 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

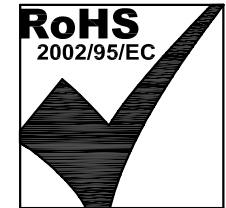
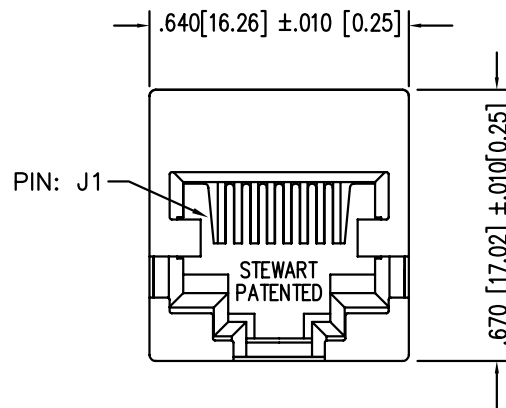
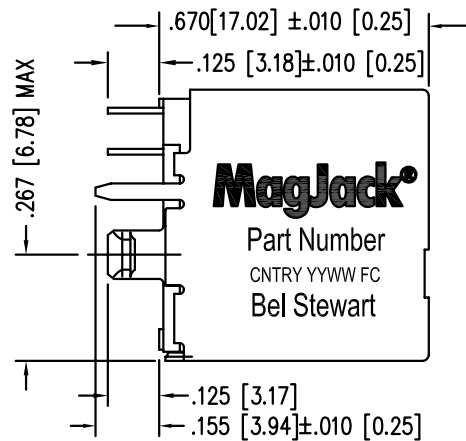
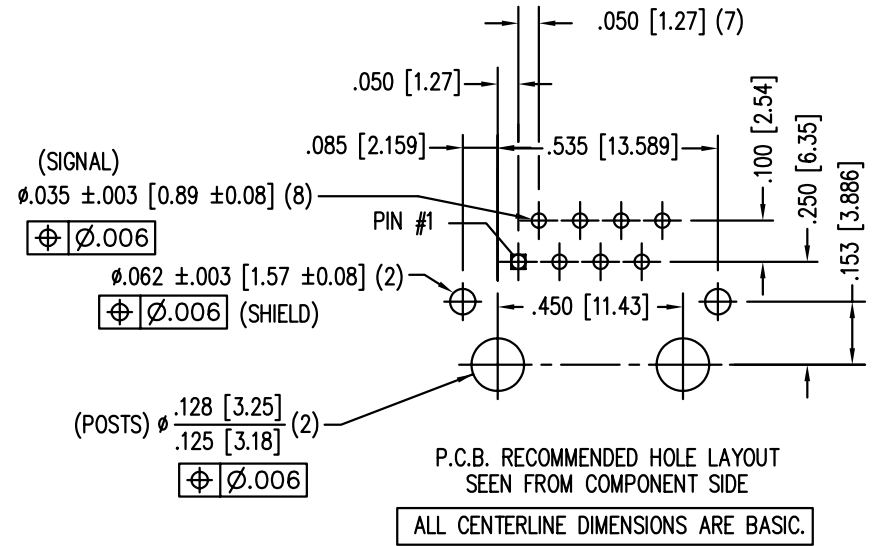
11.0 COMMON TO COMMON MODE ATTENUATION:
 30MHz TO 100MHz 35dB TYP

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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 $\pm 0.005 [0.13]$
- WAVE SOLDER COMPATIBLE - PREHEAT 125°C/90SECS.

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