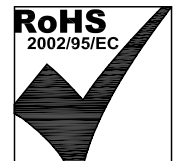


ELECTRICAL SPECIFICATIONS:

- |                                                         |                                          |
|---------------------------------------------------------|------------------------------------------|
| 1.0 TURNS RATIO: (P4-P5-P6) : (J3-J6)                   | : 1CT : 1CT ± 3%                         |
| (P3-P2-P1) : (J1-J2)                                    | : 1CT : 1CT ± 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-P5-P4 (WITH J6 AND J3 SHORT) | : 0.3 MAX. @ 1MHz                        |
| P3-P2-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.                          |

NOTES

1.0 PINS WITHOUT ELECTRICAL CONNECTION ARE OMITTED.



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SHEET  
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RECEIVE

- 6.0 RETURN LOSS: (P6-P4)=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 (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: 1-100 MHz : 40 dB TYP
- 11.0 COMMON TO COMMON MODE ATTENUATION: 1MHz TO 100MHz : 35dB TYP

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SHEET

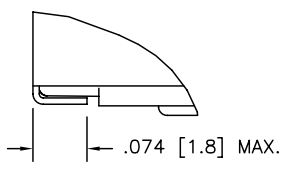
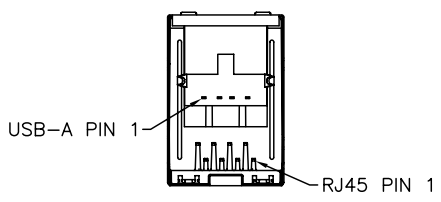
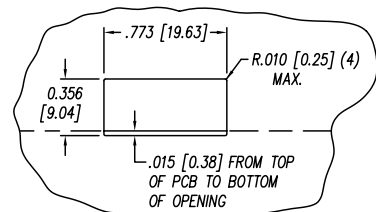
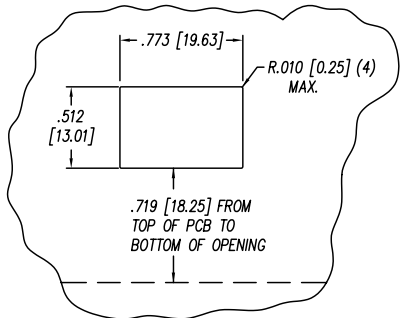
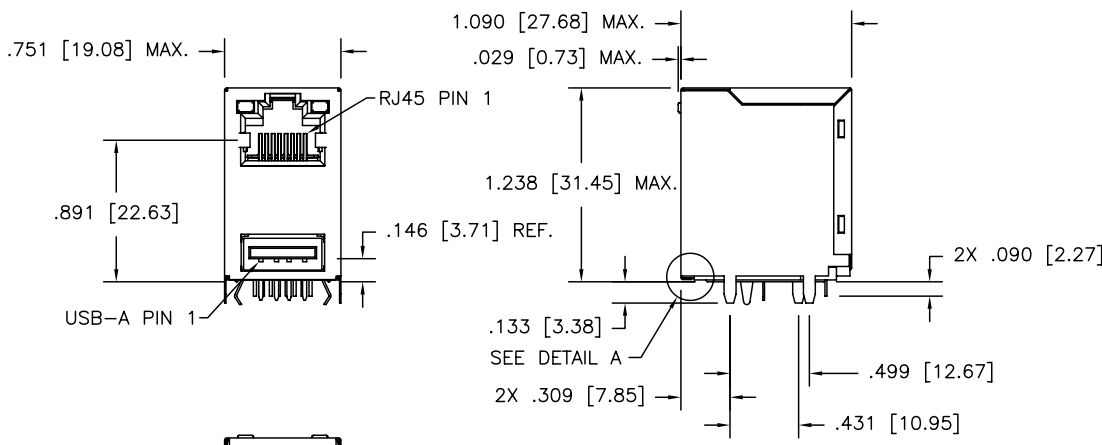
2 OF 4

DRAWING NO.

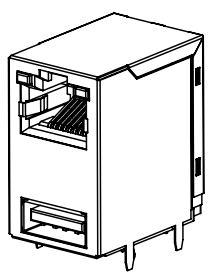
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DETAIL A  
SCALE 5=1



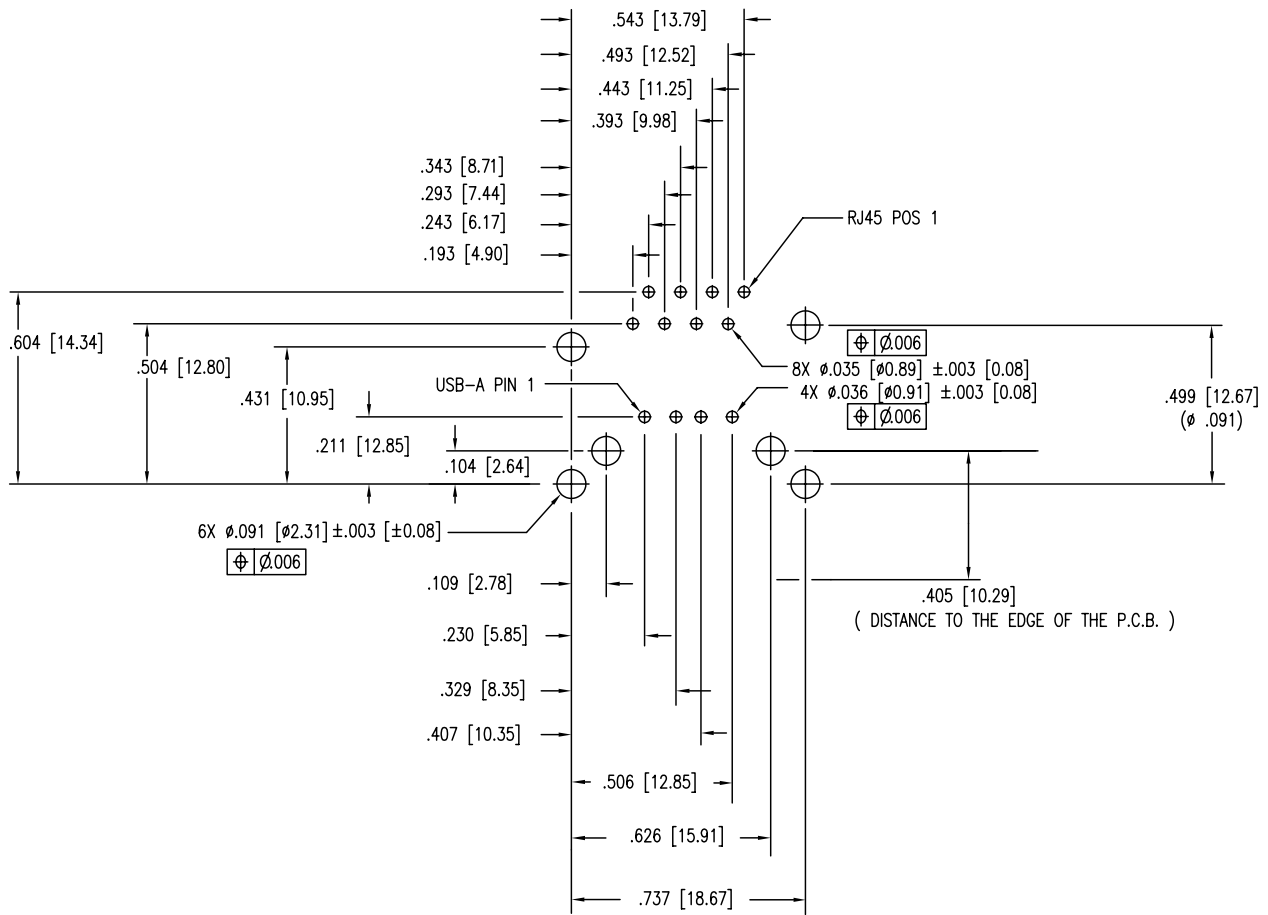
NOTES:

- 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 ±.005 [0.13]
- WAVE SOLDER COMPATIBLE - PREHEAT 125°C/90SECS.

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P.C.B. RECOMMENDED HOLE LAYOUT  
 SEEN FROM COMPONENT SIDE  
 TOLERANCE  $\pm 0.003$  [0.08] UNLESS OTHERWISE SPECIFIED

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