



ELECTRICAL SPECIFICATIONS:

- 1.0 TURNS RATIO: (P4-P5-P6) : (J3-J6) : 1CT : 1CT \pm 3%
(P1-P2-P3) : (J1-J2) : 1CT : 1.41CT \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-P5-P4 (WITH J6 AND J3 SHORT) : 0.3 uH MAX. @ 1MHz
P3-P2-P1 (WITH J2 AND J1 SHORT) : 0.3 uH 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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	TRANSMIT	RECEIVE
6.0 RETURN LOSS: (P6-P4)=100 OHMS AND (P1-P3)=50 OHM REF. 1MHz TO 30MHz 60MHz TO 80MHz	: -12dB MIN.	-18dB MIN. -12dB MIN.
NOTE: 100 OHMS CONNECTED TO (J2-J1) OR (J6-J3).		
7.0 DIELECTRIC WITHSTAND: (J1, J2) TO (P1, P3) (J3, J6) TO (P4, P6)	: 1500 VAC : 1500 VAC	1500 VAC 1500 VAC
8.0 INSERTION LOSS: RS=RL=100 OHMS 100KHz TO 100MHz	: -1.1 dB TYP	-1.1 dB TYP
9.0 RISE TIME: RS=100 OHMS AND RL = 100 OHMS OUTPUT VOLTAGE = 1 V peak PULSE WIDTH= 112nS	: 3.0 nS MAX : 3.0 nS MAX	3.0 nS MAX 3.0 nS MAX
10.0 CROSS TALK: 1-100 MHz	: -30 dB TYP	-30 dB TYP
11.0 COMMON TO COMMON MODE ATTENUATION: 1MHz TO 100MHz	: -35 dB TYP	-35 dB TYP



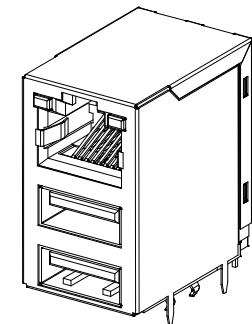
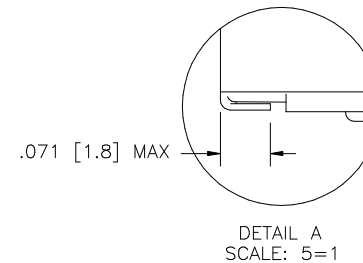
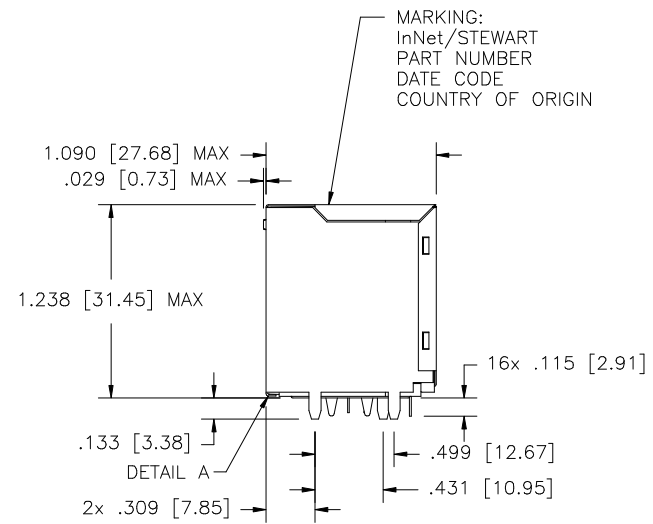
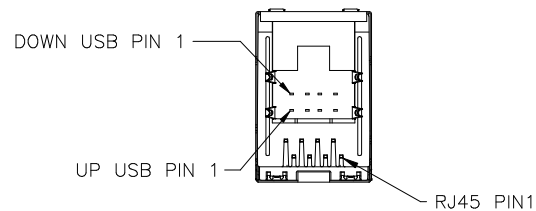
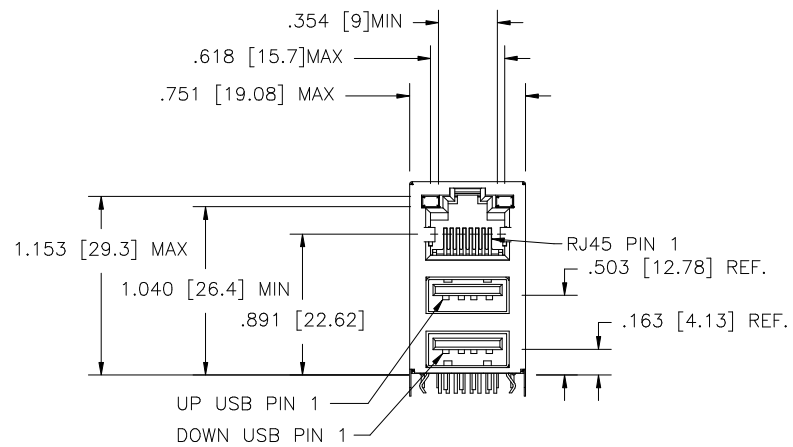
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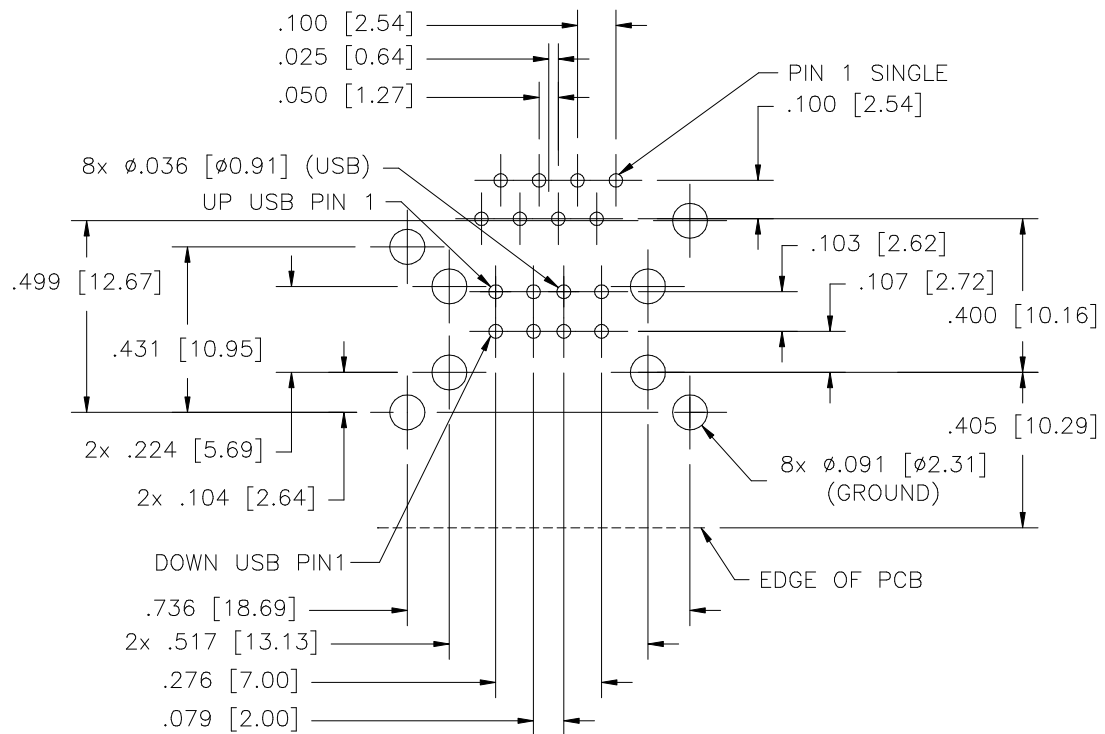
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NOTES:

- 1.0 TOLERANCE COMPLY WITH FCC DIMENSION REQUIREMENTS.
- 2.0 PIN NOT ELECTRICALLY CONNECTED MAY BE OMITTED. SEE ELECTRICAL DRAWING FOR OMITTED PINS.
- 3.0 MATERIAL:
 PLASTIC: UL94V-Ø
 TERMINAL USB: PLATING PER USB SPEC 2.0
 TERMINAL RJ45: 50 MICROINCHES Au OVER 50 MICROINCHES Ni OVER PHOSBRONZE
 SHIELD, BOTH USB AND RJ45: BRASS PLATED W/EITHER Ni OR TIN-LEAD
- 4.0 GENERAL TOLERANCE: ±.005 [.127]

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PC BOARD LAYOUT COMPONENT SIDE SHOWN
 TOLERANCE: \pm .003 [.08] UNLESS OTHERWISE SPECIFIED



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