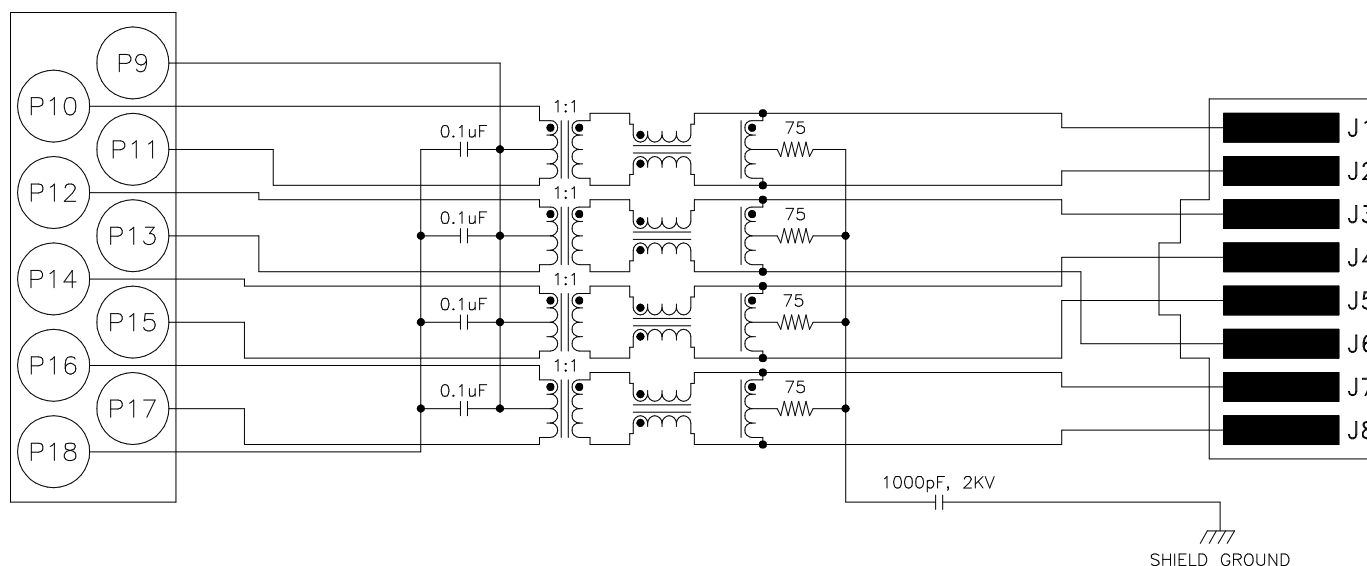




NOTES:

1.0 PINS WITHOUT ELECTRICAL CONNECTION ARE OMITTED.

ELECTRICAL SPECIFICATIONS:

1.0 TURNS RATIO:	(P10-P11) : (J2-J1)	: 1CT : 1CT ±3%
	(P13-P12) : (J6-J3)	: 1CT : 1CT ±3%
	(P15-P14) : (J5-J4)	: 1CT : 1CT ±3%
	(P17-P16) : (J8-J7)	: 1CT : 1CT ±3%

2.0 INDUCTANCE:	(P10-P11) ; (P13-P12)	: 350 uH MIN. @ 0.1V, 100KHz, 8 mA DC BIAS
	(P15-P14) ; (P17-P16)	: 350 uH MIN. @ 0.1V, 100KHz, 8 mA DC BIAS

3.0 LEAKAGE INDUCTANCE:	P10-P11 (WITH J2 AND J1 SHORT)	: 0.3uH MAX. @ 1MHz
	P13-P12 (WITH J6 AND J3 SHORT)	: 0.3uH MAX. @ 1MHz
	P15-P14 (WITH J5 AND J4 SHORT)	: 0.3uH MAX. @ 1MHz
	P17-P16 (WITH J8 AND J7 SHORT)	: 0.3uH MAX. @ 1MHz

4.0 DC RESISTANCE:	(J6-J3) ; (J2-J1) ; (J4-J5) ; (J7-J8)	: 1.2 ohms Max.
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5.0 RETURN LOSS: 1MHz TO 30MHz	: 18dB MIN.
30MHz TO 60MHz	: $-(19-20 \text{ LOG } (\frac{F}{30\text{MHz}}))$ MIN.
80MHz	: -12dB MIN.
6.0 DIELECTRIC WITHSTAND: (J1,J2) TO (P10,P11) ; (J5,J4) TO (P14,P15)	: 1500 VAC
(J3,J6) TO (P12,P13) ; (J8,J7) TO (P17,P16)	: 1500 VAC
7.0 INSERTION LOSS: RS=RL=100 ohms	
100KHz TO 100MHz	: -1.1 dB TYP.
8.0 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
9.0 CROSS TALK: 1-60 MHz	: -35 dB MIN
60-100 MHz	: -25 dB MIN
10.0 COMMON TO COMMON MODE ATTENUATION: 1MHz TO 100MHz	: -30dB MIN.



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<http://www.innet-tech.com>

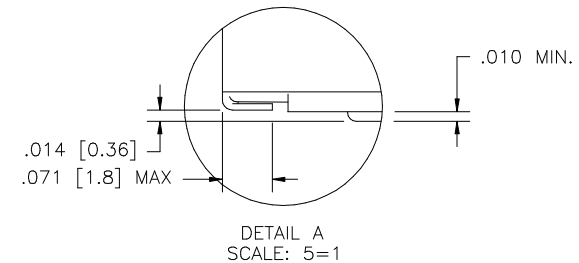
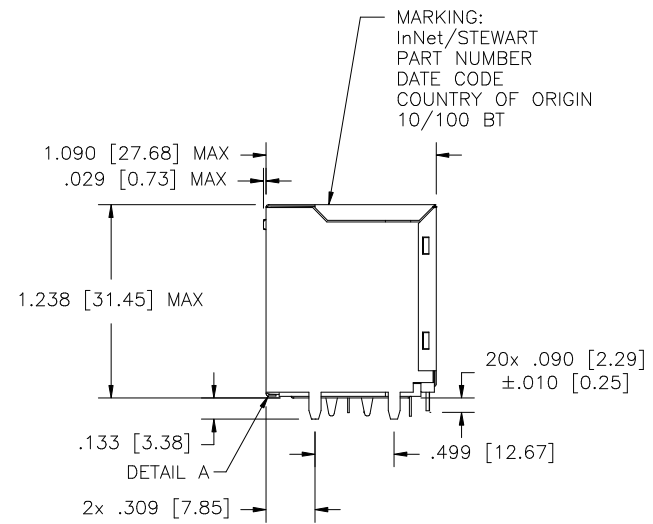
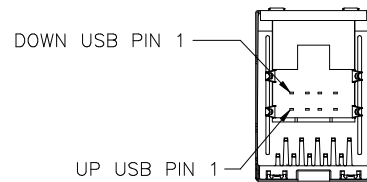
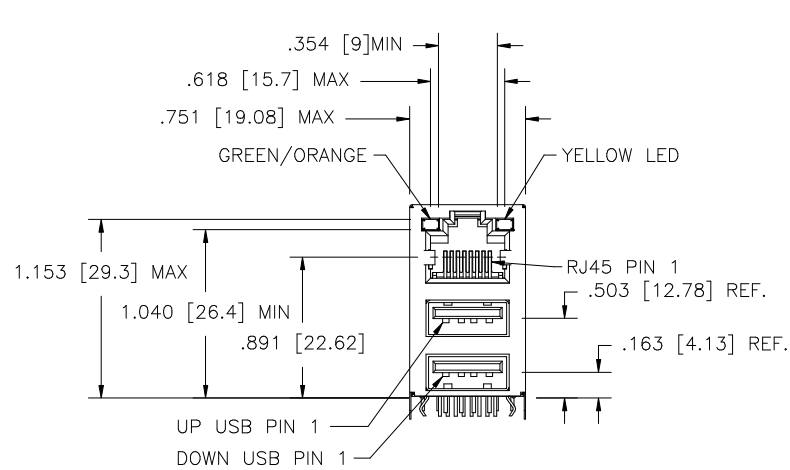


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SHEET
2 OF 4

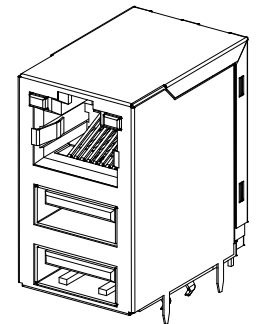
DRAWING NO.

SI-71004 01

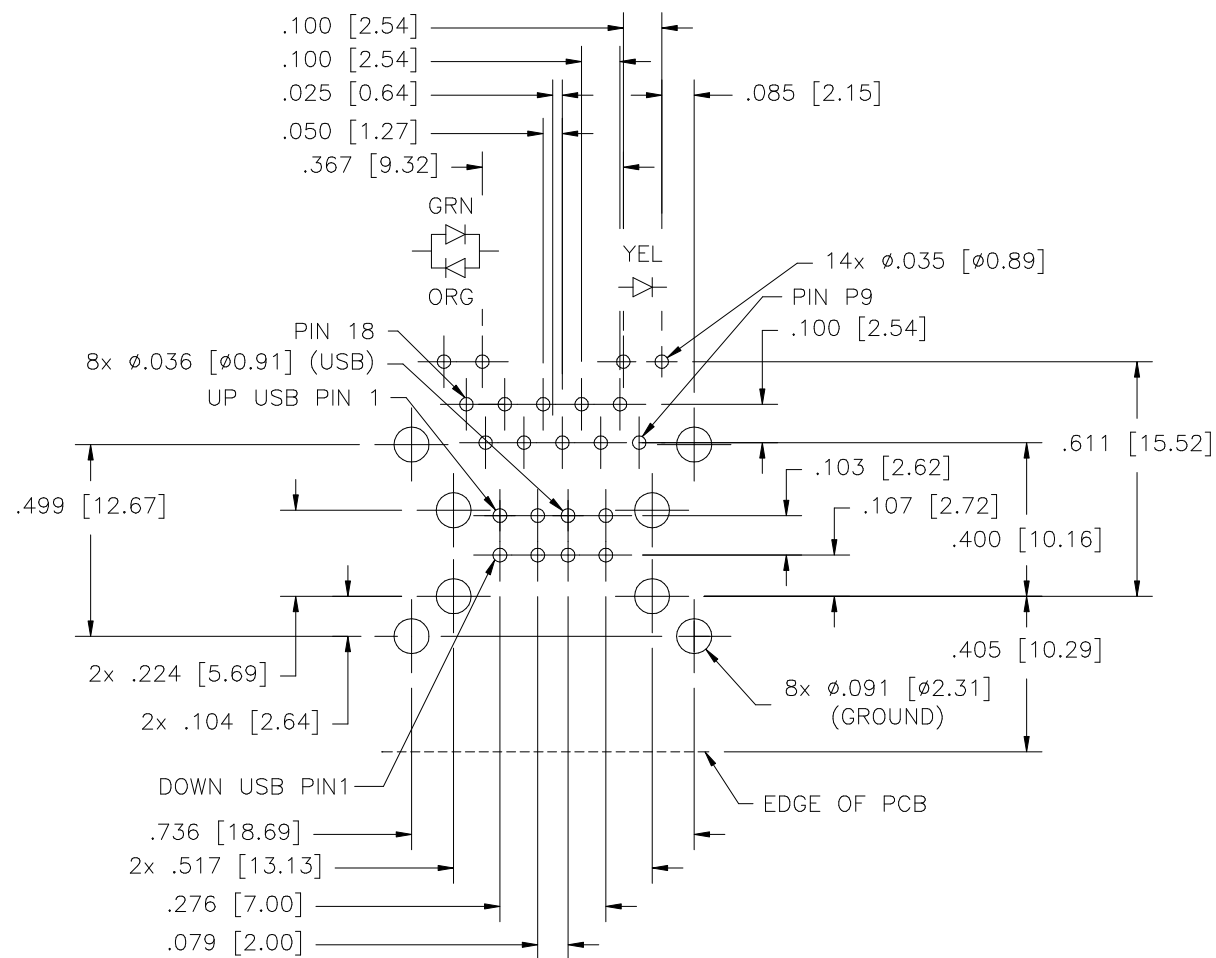


NOTES:

- 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: CERTIFIED TO 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: $\pm .005$ [.127]
- 5.0 INSERTION FORCE RJ45: 9.0 lbs MAX
 INSERTION FORCE USB: 7.7 lbs MAX
- 6.0 WITHDRAW FORCE RJ45: 2.9 lbs MIN
 WITHDRAW FORCE USB: 2.2 lbs MIN
- 7.0 DURABILITY FORCE RJ45: 1000 INSERTIONS
 DURABILITY FORCE USB: 1500 INSERTIONS
- 8.0 CONNECTOR TO PCB INSERTION FORCE: 8.6 lbs MAX



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 Stewart Connector Systems http://www.stewartconnector.com	
SHEET 3 OF 4	DRAWING NO. SI-71004
REV. X1	



PC BOARD LAYOUT COMPONENT SIDE SHOWN
 TOLERANCE: ± 0.003 [.08] UNLESS OTHERWISE SPECIFIED



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SHEET
 4 OF 4

DRAWING NO.

SI-71004
 REV. X1