





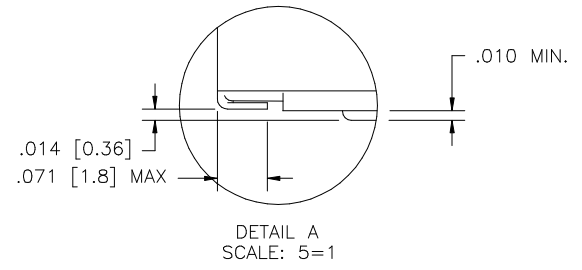
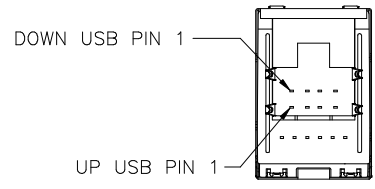
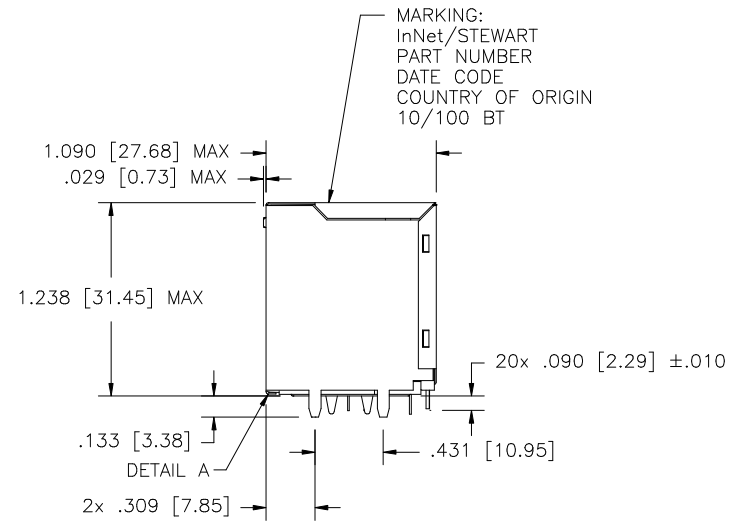
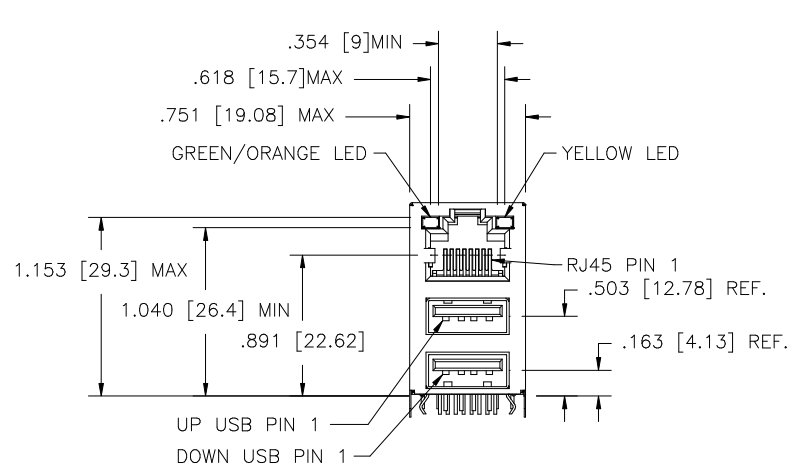
ELECTRICAL SPECIFICATIONS:

- |     |  |  |
|-----|--|--|
| 1.0 | URNS RATIO: (P12-P18-P13) : (J3-J6)                | : 1CT : 1CT ±3%                          |
|     | (P10-P9-P11) : (J1-J2)                             | : 1CT : 1.414CT ±3%                      |
| 2.0 | INDUCTANCE: (P12-P13)                              | : 350uH MIN. @ 0.1V, 100KHz, 8mA DC Bias |
|     | (J1-J2)  | : 350uH MIN. @ 0.1V, 100KHz, 8mA DC Bias |
| 3.0 | LEAKAGE INDUCTANCE: P12-P13 (WITH J6 AND J3 SHORT) | : 0.3uH MAX. @ 1MHz                      |
|     | P10-P11 (WITH J2 AND J1 SHORT)                     | : 0.3uH MAX. @ 1MHz                      |
| 4.0 | INTERWINDING CAPACITANCE: (P12,P13) TO (J6,J3)     | : 30pf MAX @ 1MHz                        |
|     | (P10,P9,P11) TO (J2,J1)                            | : 30pf MAX @ 1MHz                        |
| 5.0 | DC RESISTANCE: (J6-J3)=(J2-J1)                     | : 1.2 ohms Max.                          |

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6.0	RETURN LOSS: (P10-P11)=50 OHMS AND (J6-J3)=100 OHM REF. 1MHz TO 30MHz 30MHz TO 60MHz 80MHz	RX : -20dB MIN. : -(19-20LOG (f/30MHz)) MIN : -12dB MIN.	TX : -12dB MIN.
NOTE: 100 OHMS CONNECTED TO (J2-J1) OR (P12-P13).			
7.0	DIELECTRIC WITHSTAND: (J1, J2) TO (P10, P11) (J3, J6) TO (P12,P13)	: 1500 RMS : 1500 RMS	: 1500 RMS : 1500 RMS
8.0	INSERTION LOSS: RS=RL=100 ohms 1MHz TO 65MHz	: -1 dB MAX	: -1 dB MAX
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: 1-65 MHz	: -35 dB MIN.	: -35 dB MIN.
11.0	COMMON TO COMMON MODE ATTENUATION: 30MHz TO 100MHz 100MHz TO 130MHz	: -30 dB MIN : -20 dB MIN	: -30 dB MIN : -20 dB MIN

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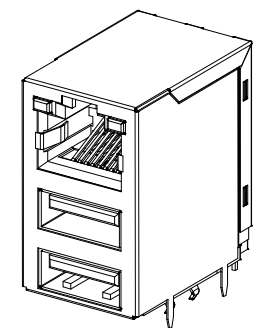


NOTES:

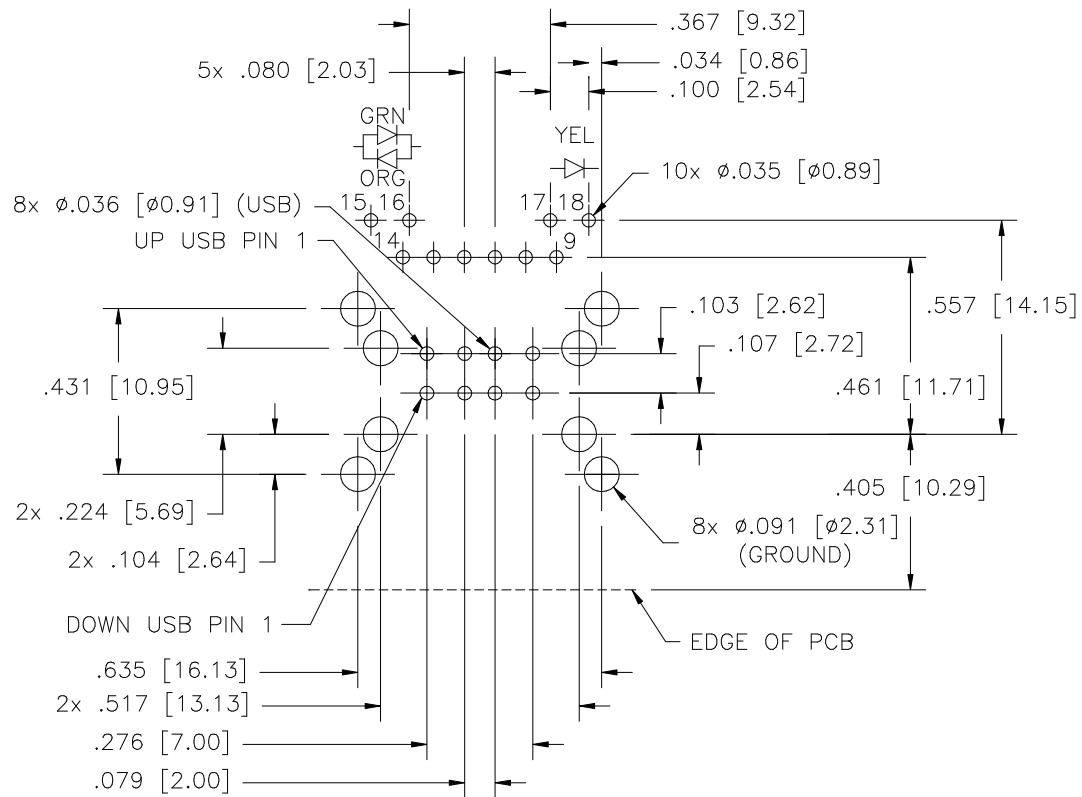
- 1.0 TOLERANCE COMPLY WITH FCC DIMENSION REQUIREMENTS.
- 2.0 MATERIAL:  
 PLASTIC: UL94V-ø  
 TERMINAL RJ45: 50 MICRINCHES Au OVER 50 MICRINCHES Ni OVER PHOSBRONZE  
 SHIELD, BOTH USB AND RJ45: BRASS PLATED W/EITHER Ni OR TIN-LEAD
- 3.0 GENERAL TOLERANCE: ±.005 [.127]
- 4.0 INSERTION FORCE RJ45: 9.0 lbs MAX  
 INSERTION FORCE USB: 7.7 lbs MAX
- 5.0 WITHDRAW FORCE RJ45: 2.9 lbs MIN  
 WITHDRAW FORCE USB: 2.2 lbs MIN
- 6.0 DURABILITY FORCE RJ45: 1000 INSERTIONS  
 DURABILITY FORCE USB: 1500 INSERTIONS
- 7.0 CONNECTOR TO PCB INSERTION FORCE: 8.6 lbs MAX

LED SPECIFICATION			
STANDARD LED	WAVELENGTH	* Forward V (MAX)	(TYP)
GREEN	565 nm	2.5 V	2.2 V
YELLOW	590 nm	2.5 V	2.1 V
ORANGE	605 nm	2.5 V	2.0 V



\*WITH A FORWARD CURRENT OF 20 mA



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

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