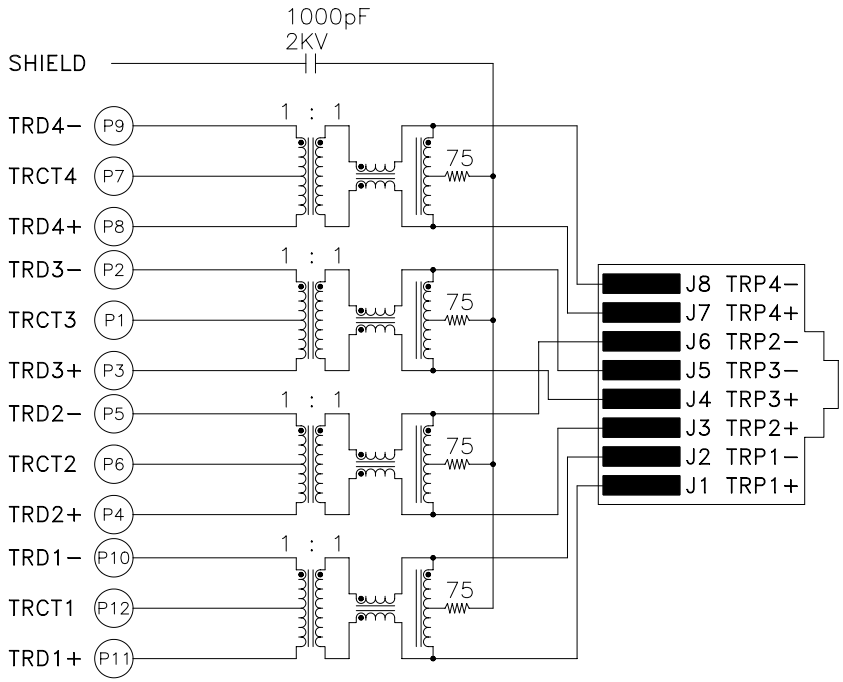


ELECTRICAL SPECIFICATIONS:

1.0 TURNS RATIO:	(P3−P2) : (J4−J5)	: 1 : 1 ±2%
	(P5−P4) : (J6−J3)	: 1 : 1 ±2%
	(P9−P8) : (J8−J7)	: 1 : 1 ±2%
	(P10−P11) : (J2−J1)	: 1 : 1 ±2%
2.0 INDUCTANCE:	(P3−P2) ; (P5−P4)	: 350 uH MIN. @ 0.1V, 100KHz, 8 mA DC BIAS
	(P10−P11) ; (P9−P8)	: 350 uH MIN. @ 0.1V, 100KHz, 8 mA DC BIAS
3.0 LEAKAGE INDUCTANCE:	P3−P2 (WITH J4 AND J5 SHORT)	: 0.3uH MAX. @ 1MHz
	P5−P4 (WITH J6 AND J3 SHORT)	: 0.3uH MAX. @ 1MHz
	P9−P8 (WITH J8 AND J7 SHORT)	: 0.3uH MAX. @ 1MHz
	P10−P11 (WITH J1 AND J2 SHORT)	: 0.3uH MAX. @ 1MHz
4.0 INTERWINDING CAPACITANCE:	(P3−P2) : (J4−J5)	: 35pf MAX @ 1MHz
	(P5−P4) : (J6−J3)	: 35pf MAX @ 1MHz
	(P9−P8) : (J5−J4)	: 35pf MAX @ 1MHz
	(P10−P11) : (J2−J1)	: 35pf MAX @ 1MHz
5.0 DC RESISTANCE:	(J6−J3) ; (J2−J1) ; (J7−J8) : (J4−J5)	: 1.2 ohms Max.

InNet Technologies, Inc.
http://www.innet-tech.com

Stewart Connector Systems
http://www.stewartconnector.com

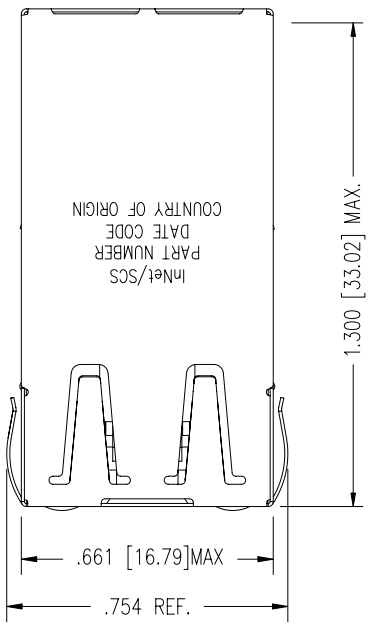
SHEET	DRAWING NO.	REV.
1 OF 4	SI−50080	07

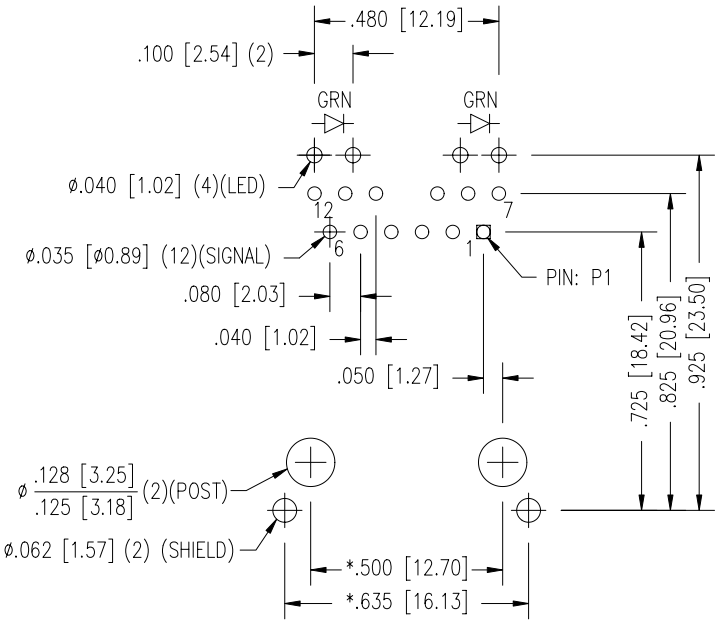
6.0 RETURN LOSS:	1MHz TO 30MHz	: −19dB MIN.
	30MHz TO 60MHz	: −13dB MIN.
	60MHz TO 80MHz	: −12dB MIN.
	80MHz TO 100MHz	: −10dB MIN.
7.0 DIELECTRIC WITHSTAND:	(J1,J2) TO (P10,P11) ; (J5,J4) TO (P3−P2)	: 1500 VAC
	(J3,J6) TO (P5,P4) ; (J8,J7) TO (P9, P8)	: 1500 VAC
8.0 INSERTION LOSS:	RS=RL=100 ohms	
	100KHz TO 125MHz	: −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	: $-[33-20 \text{ LOG } (\frac{F}{50 \text{ MHz}})]$ MIN.
11.0 COMMON TO COMMON MODE ATTENUATION:	1MHz TO 100MHz	: −35dB TYP

InNet Technologies, Inc.
http://www.innet-tech.com

Stewart Connector Systems
http://www.stewartconnector.com

SHEET	DRAWING NO.	REV.
2 OF 4	SI−50080	07





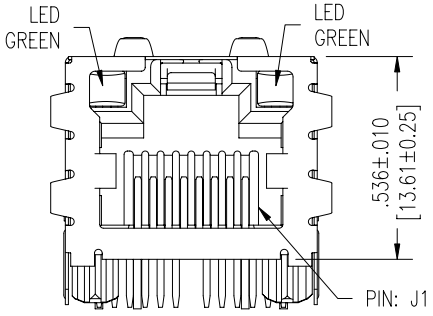
P.C.B. RECOMMENDED HOLE LAYOUT
SEEN FROM COMPONENT SIDE
TOLERANCE ±.003 [0.08] UNLESS OTHERWISE SPECIFIED

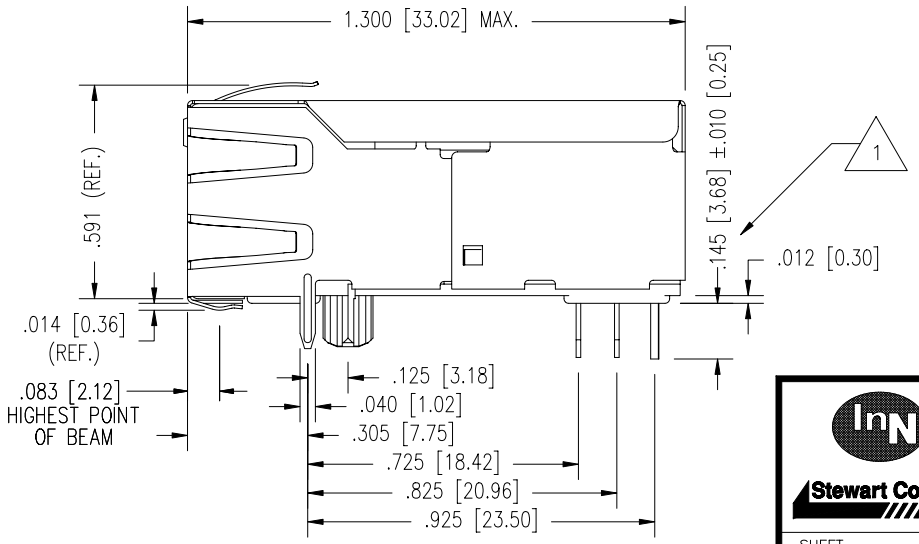
NOTES:
- TOLERANCES AND PART FEATURES COMPLY WITH F.C.C. REQUIREMENTS
- DIMENSIONS SHOWN ARE SUBJECT TO CHANGE WITHOUT NOTICE.
- PIN NOT ELECTRICALLY CONNECTED MAYBE OMITTED. SEE ELECTRICAL DRAWING FOR OMITTED PINS.
- REFLOW COMPATIBLE – 230°C/90SECS
- INSERT FORCE: 8.5 LBS MAX.
- MATERIALS: PLASTIC: UL94V-0 THERMOPLASTIC
  TERMINAL: 50 MICROINCH Au OVER 50 MICROINCH Ni OVER PHOSBRONZE
  SHIELD: BRASS PLATED Ni OR TIN LEAD

STANDARD LED	WAVELENGTH	* Forward V (MAX)	(TYP)
GREEN	565 nm	2.5 V	2.2 V

* WITH A FORWARD CURRENT OF 20 mA

1 NOTE: LENGTH OF SIGNAL AND LED LEADS.



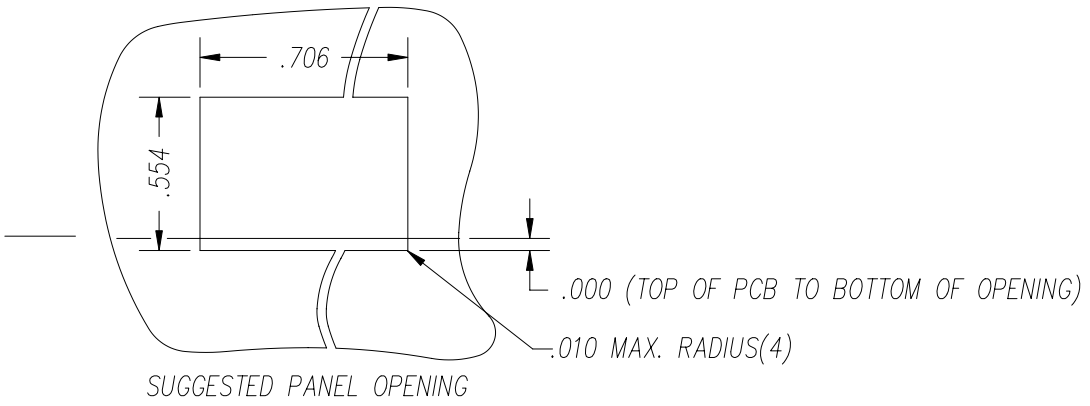


InNet Technologies, Inc.
http://www.innet-tech.com

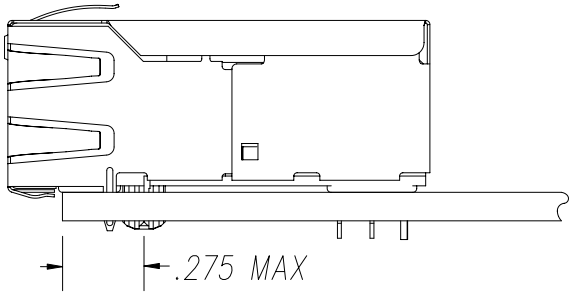
Stewart Connector Systems
http://www.stewartconnector.com

SHEET	DRAWING NO.	REV.
3 OF 4	SI-50080	01

MI50007/24-0166



SUGGESTED PANEL OPENING



InNet Technologies, Inc.
http://www.innet-tech.com

Stewart Connector Systems
http://www.stewartconnector.com

SHEET	DRAWING NO.	REV.
4 OF 4	SI-50080	01

CT720034X1/24-0166