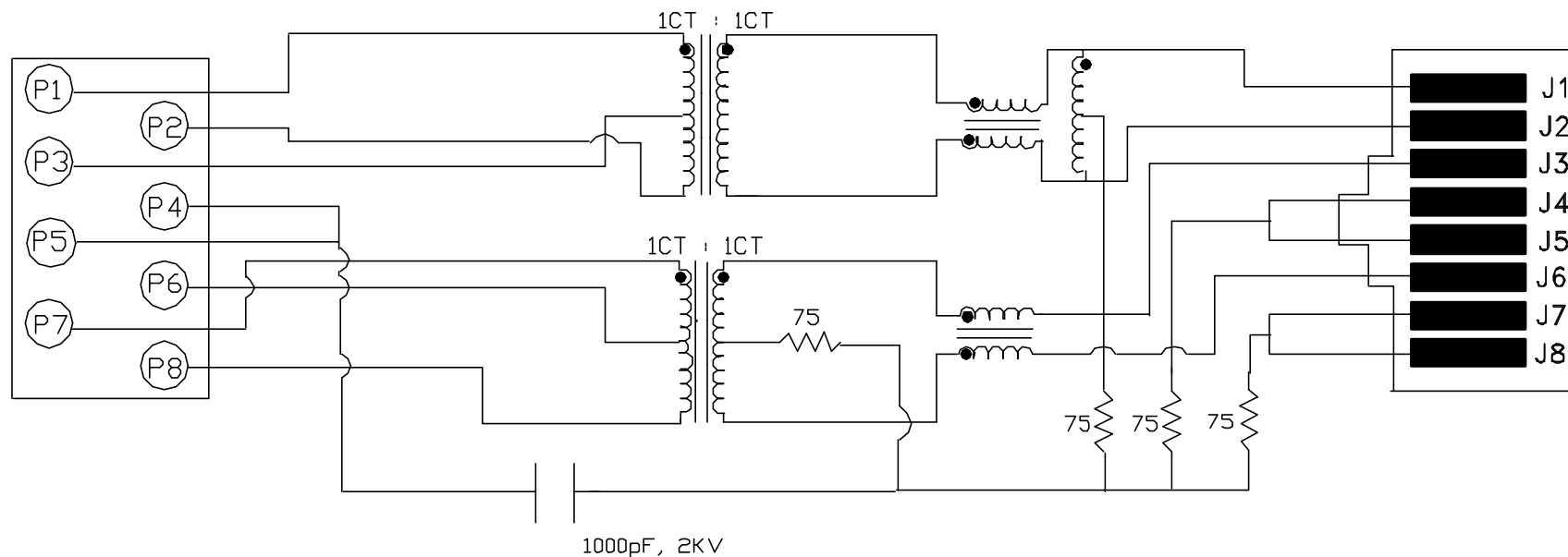




ELECTRICAL SPECIFICATIONS:

1.0 TURNS RATIO (P7-P6-P8) : (J3-J6)
(P1-P3-P2) : (J1-J2)

2.0 INDUCTANCE (P7-P8)
(P1-P2)

3.0 LEAKAGE INDUCTANCE P8-P6-P7 (WITH J6 AND J3 SHORT)
P2-P3-P1 (WITH J2 AND J1 SHORT)

4.0 INTERWINDING CAPACITANCE (P8,P6,P7) TO (J6,J3)
(P2,P3,P1) TO (J2,J1)

5.0 DC RESISTANCE (J6-J3)=(J2-J1)

: 1CT : 1CT ± 3%
: 1CT : 1CT ± 3%

: 350uH MIN. @ 0.1V , 100KHz, 8mA DC Bias
: 350uH MIN. @ 0.1V, 100KHz, 8mA DC Bias

: 0.3uH MAX. @ 1MHz
: 0.3uH MAX. @ 1MHz

: 25pf TYP @ 1MHz
: 25pf TYP @ 1MHz

: 1.2 ohms Max.

NOTES

1.0 PINS WITHOUT ELECTRICAL CONNECTION ARE OMITTED.

Stewart Connector Systems

<http://www.stewartconnector.com>

InNet Technologies inc.

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

SHEET
1 OF 3

DRAWING NO. SI-50026

REV. 02

6.0 RETURN LOSS: (P7-P8)=100 OHMS AND (P1-P2)=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 VOLTAGE WITHSTAND:

(J1, J2) TO (P1, P2)

: 1500 VAC

(J3, J6) TO (P7,P8)

: 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

30 dB TYP

11.0 COMMON TO COMMON MODE ATTENUATION:

1MHz TO 100MHz

35dB TYP

Stewart Connector Systems

<http://www.stewartconnector.com>

InNet Technologies inc.

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

SHEET

2 OF 3

DRAWING NO.

SI-50026

REV.

02

6.0 RETURN LOSS: (P7-P8)=100 OHMS AND (P1-P2)=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 VOLTAGE WITHSTAND:

(J1, J2) TO (P1, P2)

: 1500 VAC

(J3, J6) TO (P7,P8)

: 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

30 dB TYP

11.0 COMMON TO COMMON MODE ATTENUATION:

1MHz TO 100MHz

35dB TYP

Stewart Connector Systems

<http://www.stewartconnector.com>

InNet Technologies inc.

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

SHEET

2 OF 3

DRAWING NO.

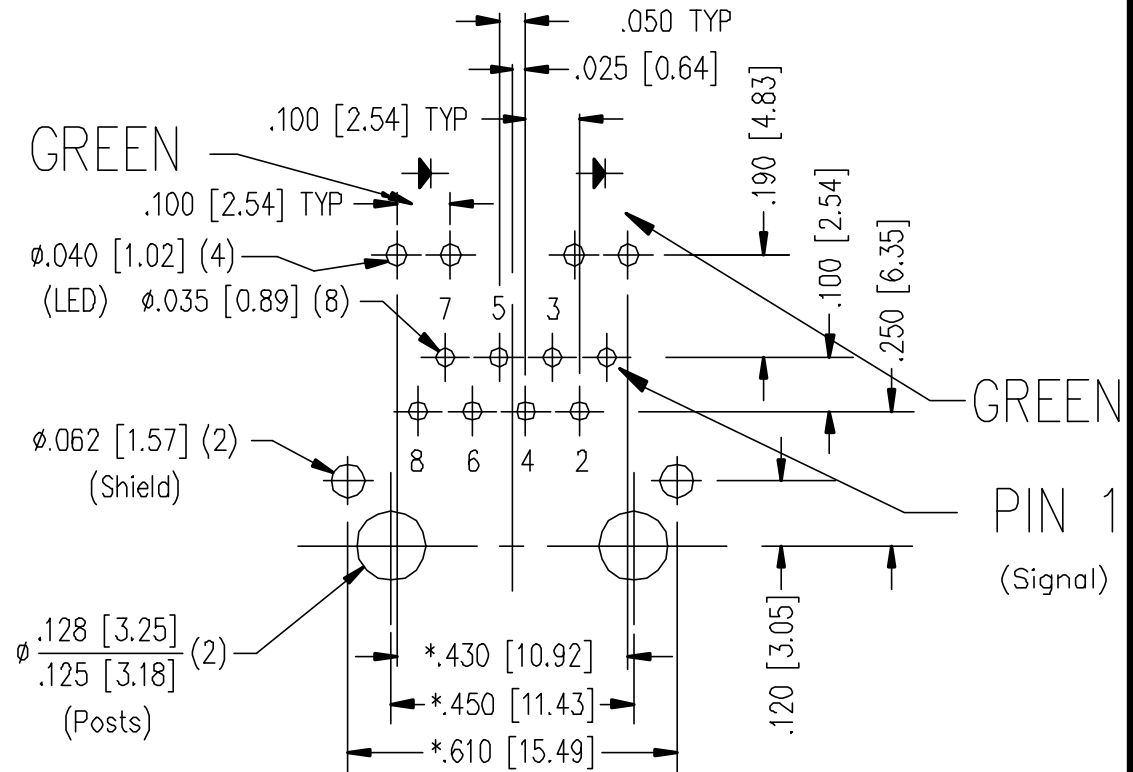
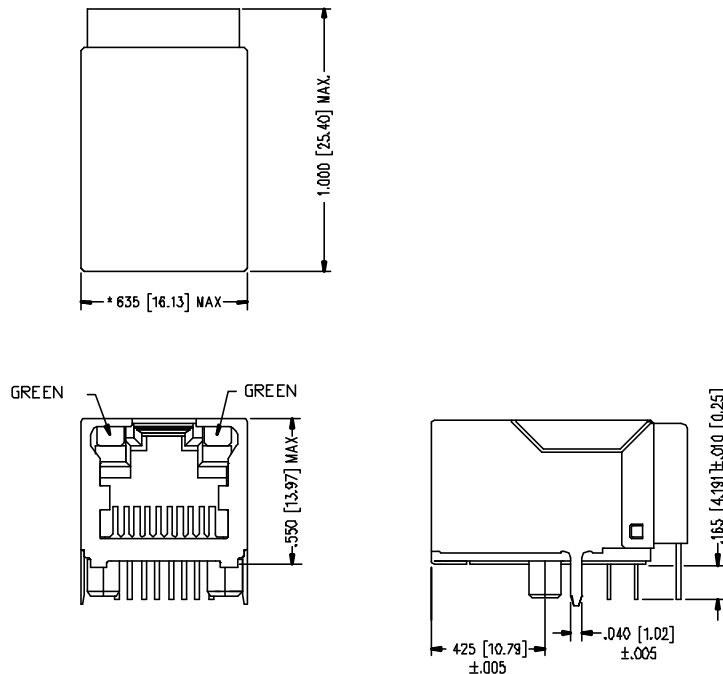
SI-50026

REV.

02

STANDARD LED	WAVELENGTH	* Forward V (MAX)	(TYP)
GREEN	590 nm	2.5 V	2.1 V
GREEN	565 nm	2.5 V	2.2 V

* WITH A FORWARD CURRENT OF 20 mA



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

NOTES:

- TOLERANCES COMPLY WITH F.C.C. DIMENSION REQUIREMENTS
- DIMENSIONS SHOWN WITH "*" TO BE CENTRAL ABOUT CENTER LINE
- DIMENSIONS SHOWN ARE SUBJECT TO CHANGE WITHOUT NOTICE
- PIN NOT ELECTRICALLY CONNECTED MAYBE OMITTED. SEE ELECTRICAL DRAWING FOR OMITTED PINS.

AVAILABLE WITH:

- STANDARD 50 MICRO-INCH SELECTIVE GOLD PLATING

CT750006

InNet Technologies Inc.

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

Stewart Connector Systems

<http://www.stewartconnector.com>

SHEET
3 OF 3

DRAWING NO.
SI-50026

REV.
02