

ELECTRICAL SPECIFICATIONS:

- | | | | |
|---|------------------------------|-----------------------------|-----------------|
| 1.0 TURNS RATIO (P3-P1) : | (J2-J1) | : 1 : 2.42± 3% | |
| | (P7-P5) : | (J5-J4) | : 1 : 2.42 ± 3% |
| 2.0 INDUCTANCE (P3-P1) ; | (P7-P5) | : 1.2mH MIN. @ 0.1V, 100KHz | |
| 3.0 LEAKAGE INDUCTANCE P3-P1 (WITH J2 AND J1 SHORT) | | : 0.5 MAX. @ 1MHz | |
| | P7-P5 (WITH J5 AND J4 SHORT) | : 0.5 MAX. @ 1MHz | |
| 4.0 INTERWINDING CAPACITANCE (P3,P1) TO (J2,J1) | | : 35pf MAX @ 1MHz | |
| | (P3,P2,P1) TO (J2,J1) | : 35pf MAX. @ 1MHZ | |
| 5.0 DC RESISTANCE (P7-P5) ; | (P3-P1) | : .8 ohms Max. | |
| 6.0 HIPOT (P7-P5) TO (J5-J4) | | : 1500VAC | |
| | (P3-P1) TO (J2-J1) | : 1500VAC | |
| 7.0 RETURN LOSS : (J1-J2 & J4-J5) 100 OHM REF. | | | |
| | 51KHz TO 102KHz | : 12dB MIN | |
| | 102KHz TO 2.048MHz | : 18dB MIN | |
| | 2.048MHz TO 3.072MHz | : 14dB MIN | |

NOTE ; 17 OHMS CONNECTED TO PINS P1-P3 & P5-P7.

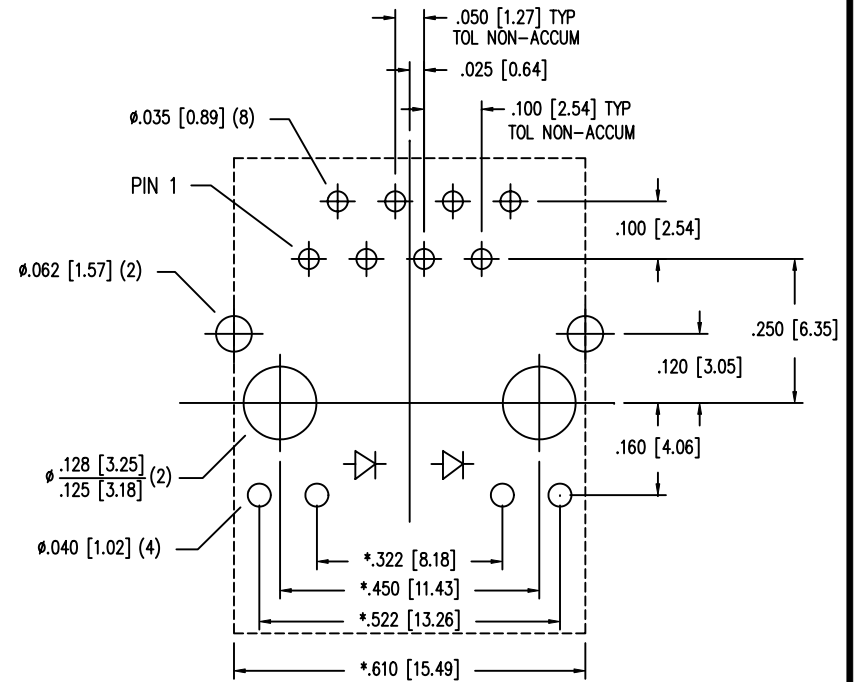
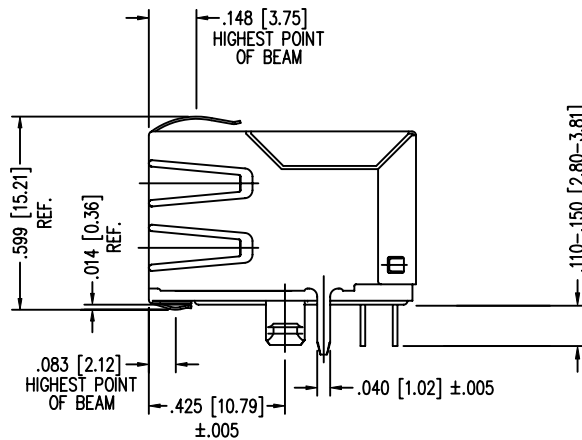
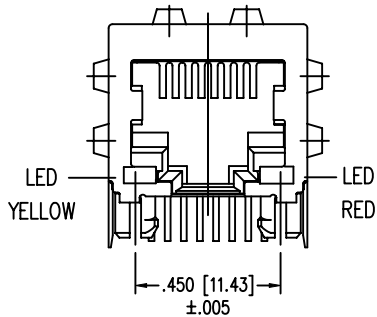
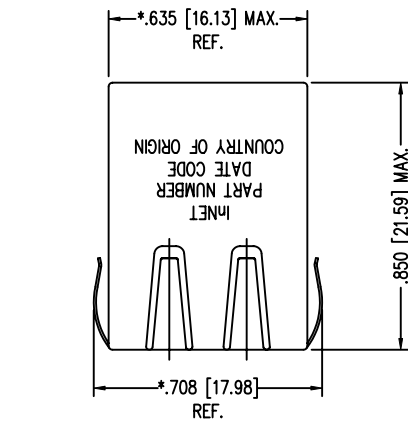
NOTES

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-40243 REV. X1



P.C.B. RECOMMENDED HOLE LAYOUT
SEEN FROM COMPONENT SIDE
TOLERANCE $\pm .003$ [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.
- STANDARD 50 MICRO-INCH SELECTIVE GOLD PLATING.

LED SPECIFICATIONS

- FORWARD VOLTAGE(20mA) :
YELLOW : 2.1V (TYP) ; 2.5V (MAX)
RED : 2.0V (TYP) ; 2.5V (MAX)
- POWER DISSIPATION : 105mW
- WAVE LENGTH:
YELLOW : 590nm
RED : 625nm
- LUMINOUS INTENSITY (10mA) :
YELLOW : 2-8 MCD
RED : 5-32 MCD

CT720034X1/24-001302

Stewart Connector Systems

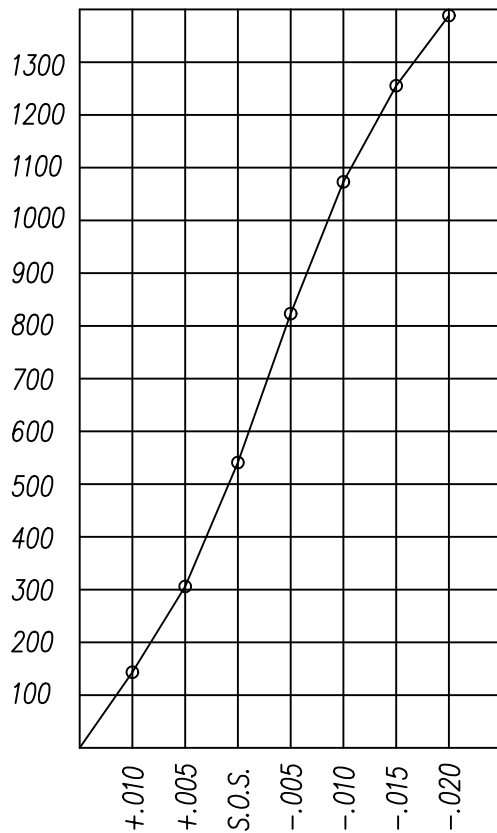
<http://www.stewartconnector.com>

InNet Technologies inc.

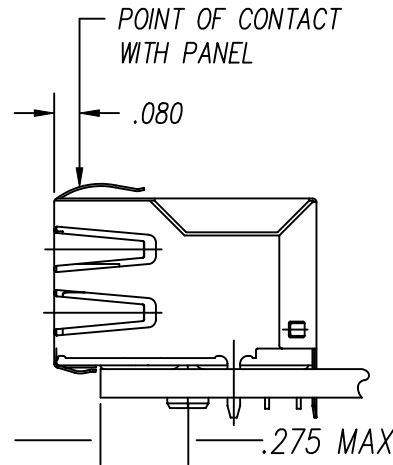
<http://www.innet-tech.com>

SHEET
2 OF 3

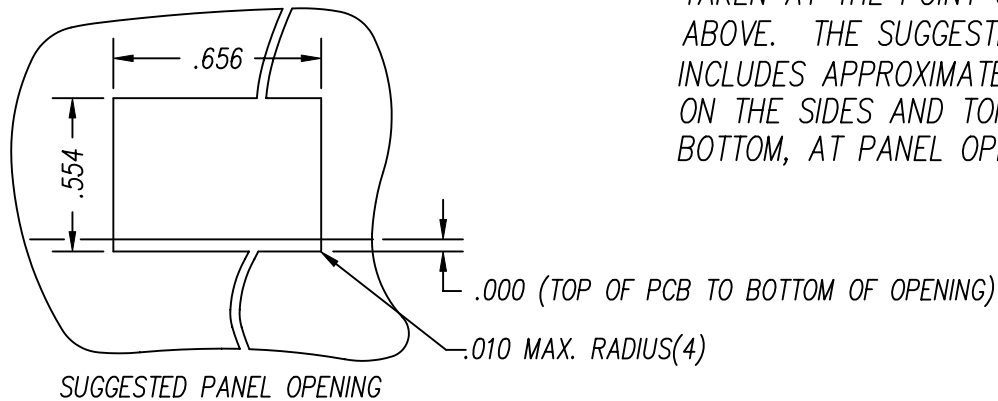
DRAWING NO. SI-40243 REV. 02



PANEL GROUNDING BEAM DEFLECTION
S.O.S. = SUGGESTED OPENING SIZE



THE SUGGESTED PANEL OPENING IS INTENDED TO GIVE THE USER THE ABILITY TO HAVE REASONABLE JACK / PANEL CLEARANCES YET MAINTAIN RELIABLE GROUNDING CAPABILITY. THESE VARIABLES CAN BE ADJUSTED IN EITHER DIRECTION BUT MAY CARRY SOME CONSEQUENCES IN THE FORM OF LOWER MATING FORCES OR TIGHTER ASSEMBLY TOLERANCES. FORCE VALUES ON THE GRAPH ARE GENERAL AVERAGES TAKEN AT THE POINT OF CONTACT SHOWN ABOVE. THE SUGGESTED PANEL OPENING INCLUDES APPROXIMATELY .020 CLEARANCE ON THE SIDES AND TOP AND .013 ON THE BOTTOM, AT PANEL OPENING.



SUGGESTED PANEL OPENING

Stewart Connector Systems http://www.stewartconnector.com		
InNet Technologies inc. http://www.innet-tech.com		
SHEET 3 OF 3	DRAWING NO. SI-40243	REV. 02