

ELECTRICAL SPECIFICATIONS:

OPERATING TEMPERATURE RANGE:

: -40°C TO +85°C

1.0 TURNS RATIO: (P5-P4) : (J5-J4)  
(P2-P1) : (J2-J1)

: 1 : 1.36 ± 3%  
: 1 : 1 ± 3%

2.0 INDUCTANCE: (P5-P4) ; (P2-P1)

: 1.2mH MIN. @ 0.1V, 100KHz

3.0 LEAKAGE INDUCTANCE: P2-P1 (WITH J2 AND J1 SHORT)  
P5-P4 (WITH J5 AND J4 SHORT)

: 0.8 MAX. @ 1MHz  
: 0.8 MAX. @ 1MHz

4.0 INTERWINDING CAPACITANCE: (P2,P1) TO (J2,J1)  
(P5,P4) TO (J5,J4)

: 35pf MAX @ 1MHz  
: 35pf MAX. @ 1MHZ

5.0 DC RESISTANCE: (P5-P4) ; (P2-P1)

: 0.8 ohms Max.

6.0 DIELECTRIC WITHSTAND: (P5-P4) TO (J5-J4)  
(P2-P1) TO (J2-J1)

: 1500VAC  
: 1500VAC

7.0 RETURN LOSS: (J1-J2 & J4-J5) 100 OHM REF.  
51 KHz TO 102 KHz  
102 KHz TO 2.048 MHz  
2.048 MHz TO 3.072 MHz

: 12dB MIN  
: 18dB MIN  
: 14dB MIN

NOTES

1.0 PINS WITHOUT ELECTRICAL CONNECTION ARE OMITTED.

Stewart Connector Systems

<http://www.stewartconnector.com>

InNet Technologies inc.

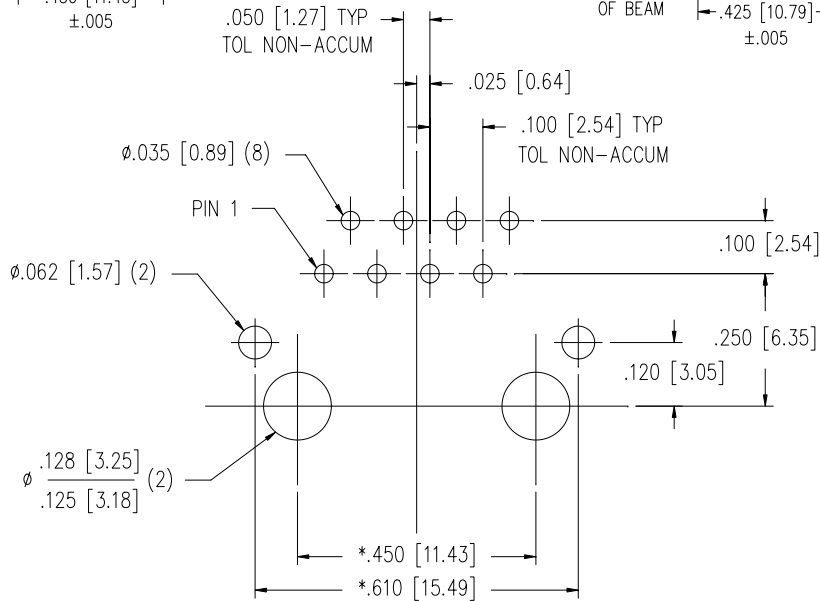
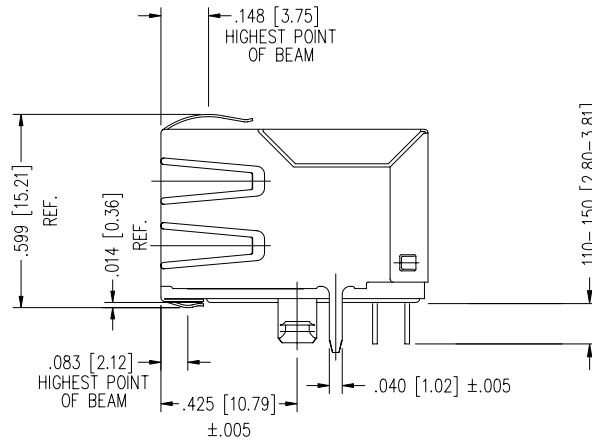
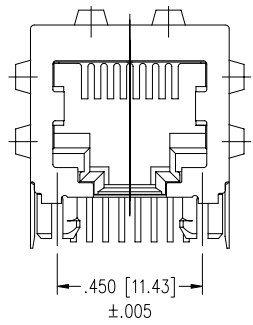
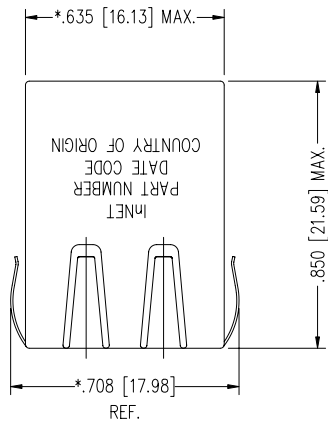
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DRAWING NO.

SI-10198

REV. X



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

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InNet Technologies inc.

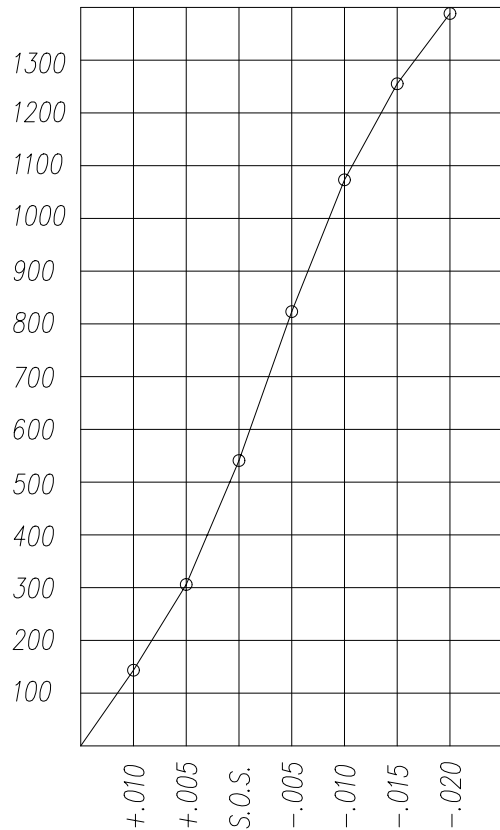
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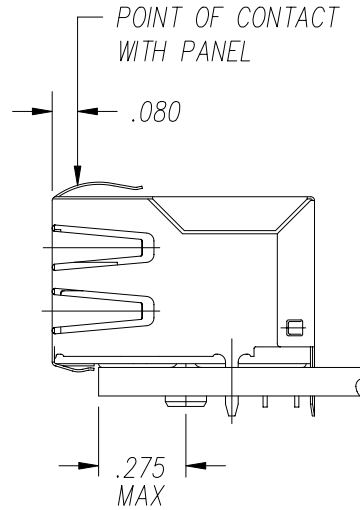
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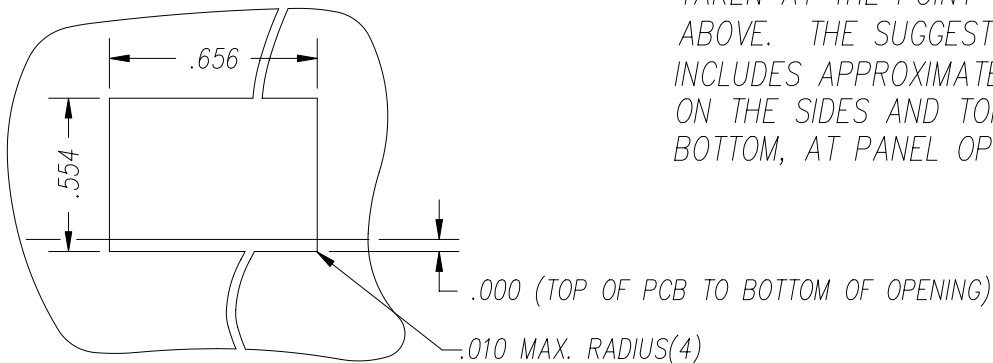
REV.  
06



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

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