

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  
(P7,P5) TO (J5,J4) : 35pf MAX. @ 1MHZ
- 5.0 DC RESISTANCE: (P7-P5) ; (P3-P1) : .8 ohms Max.
- 6.0 DIELECTRIC WITHSTAND: (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

NOTES

1.0 PINS WITHOUT ELECTRICAL CONNECTION ARE OMITTED.

Stewart Connector Systems

<http://www.stewartconnector.com>

InNet Technologies inc.

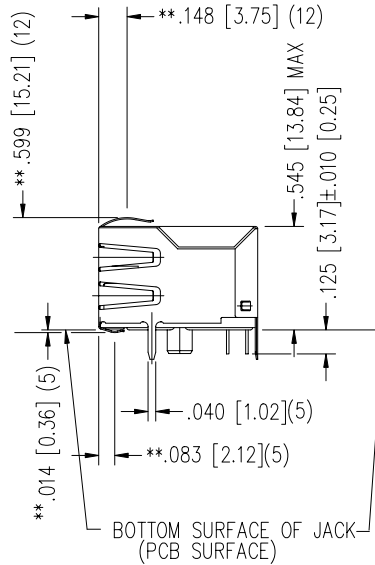
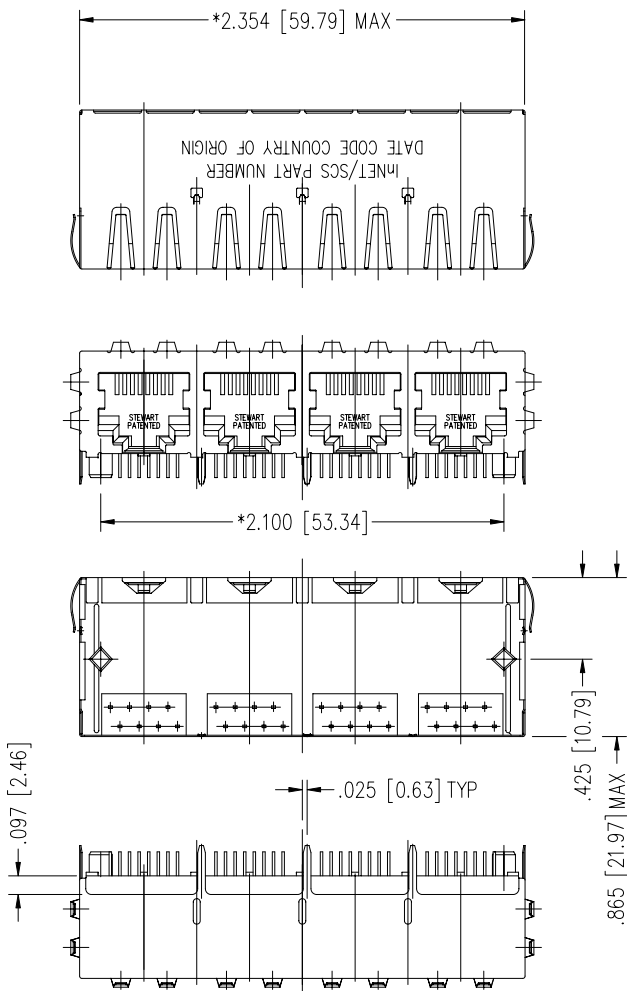
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1 OF 3

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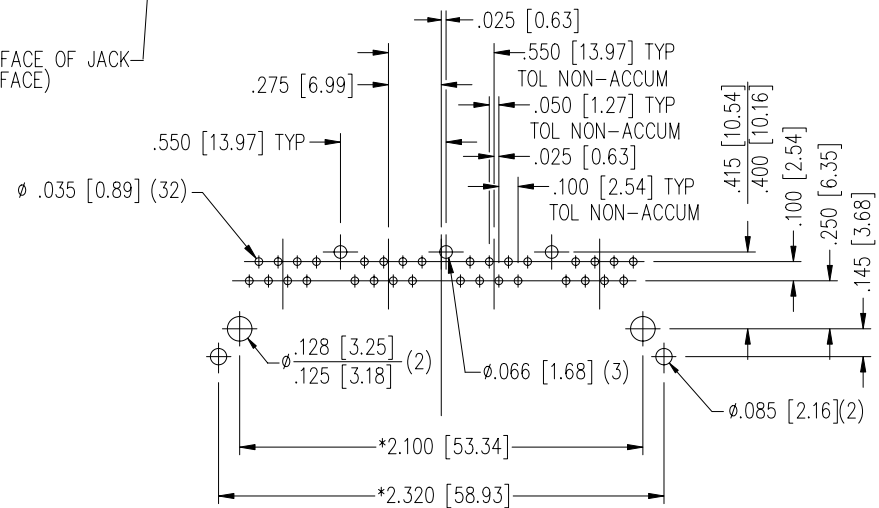
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REV. X2



NOTES:

- TOLERANCES COMPLY WITH F.C.C. DIMENSION REQUIREMENTS
- DIMENSIONS SHOWN WITH "\*" TO BE CENTRAL ABOUT CENTER LINE
- "\*\*" ON DIMENSION INDICATES HIGHEST POINT OF BEAM
- 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



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

CT720035X1/24-001701

Stewart Connector Systems

<http://www.stewartconnector.com>

InNet Technologies inc.

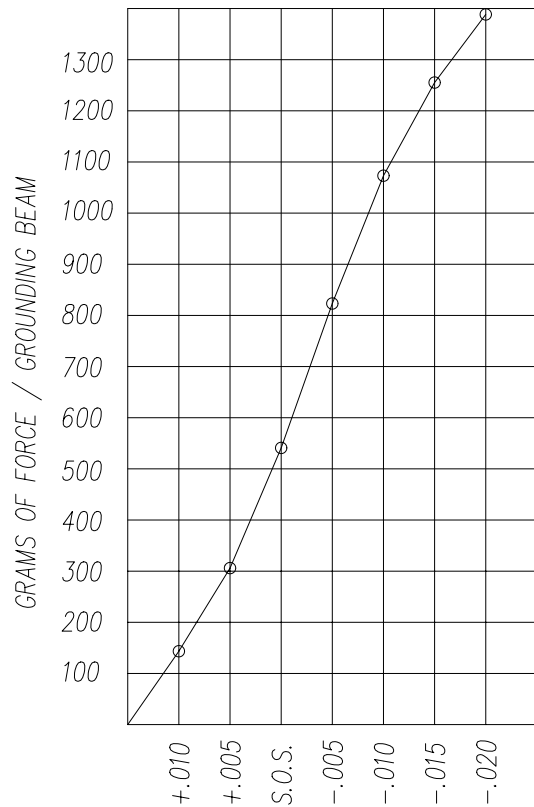
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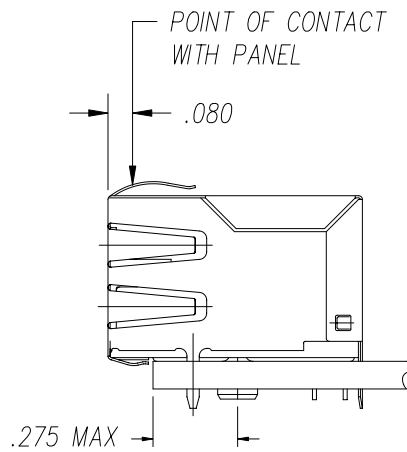
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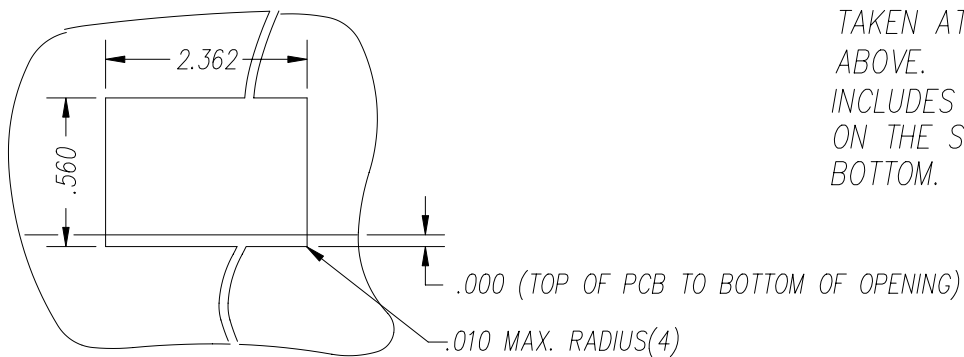
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PANEL GROUNDING BEAM DEFLECTION  
S.O.S. = SUGGESTED OPENING SIZE



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 .005 ON THE BOTTOM.



SUGGESTED PANEL OPENING

CT720035X1/24-001701

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