

ELECTRICAL SPECIFICATIONS:

- 1.0 INDUCTANCE: $\{P1-J1\}$; $\{P2-J2\}$; $\{P3-J3\}$; $\{P6-J6\}$: 5 uH MIN @.01V, 100 KHz
 $\{P4-J4\}$; $\{P5-J5\}$; $\{P7-J7\}$; $\{P8-J8\}$
- 2.0 DC RESISTANCE: P1-J1=P2-J2=P3-J3=P6-J6 : .25 OHM MAX
P4-J4=P5-J5=P7-J7=P8-J8 : .25 OHM MAX
- 3.0 DIELECTRIC WITHSTAND: EACH WINDING : 300 VAC

Bel Stewart Connector
11118 Susquehanna Trail, South
Glen Rock, Pa 17327-9199
717.234.7512

MagJack®

<http://www.stewartconnector.com>

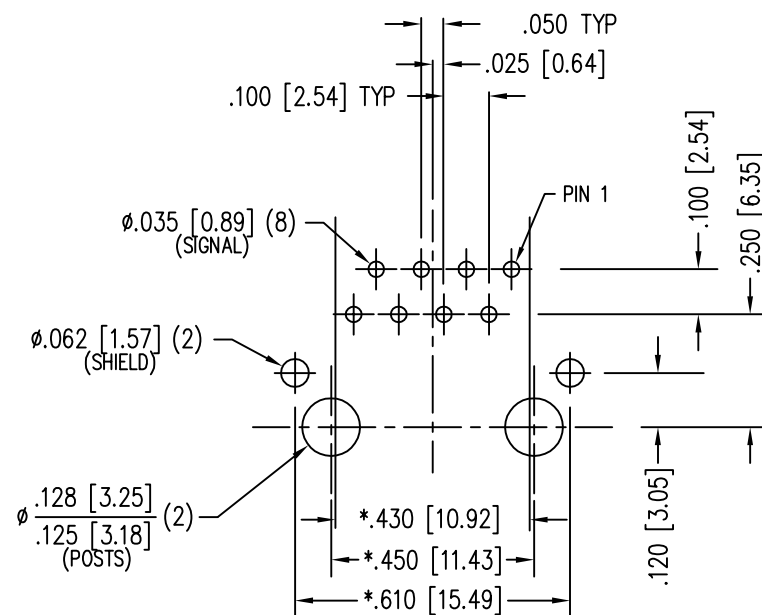
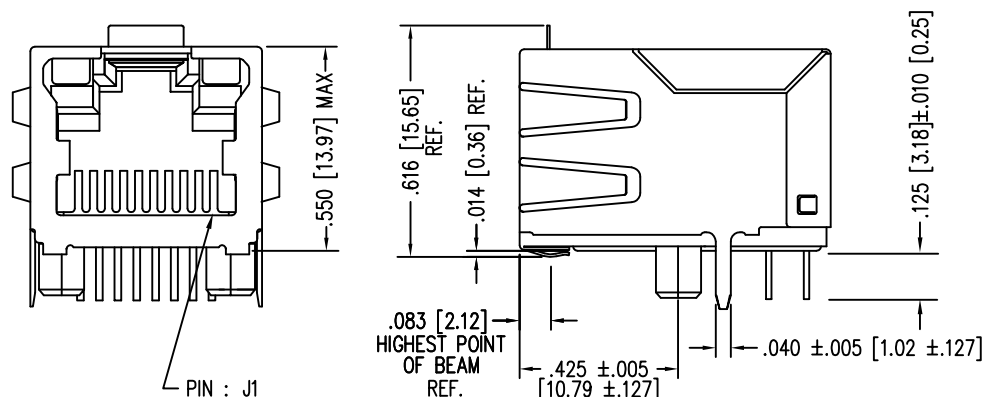
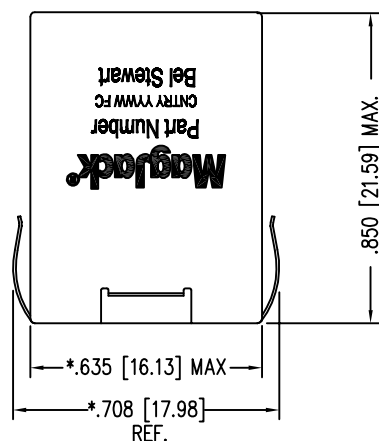
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SHEET
1 OF 3

DRAWING NO.

SI-50040

REV.
01



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

CT750006

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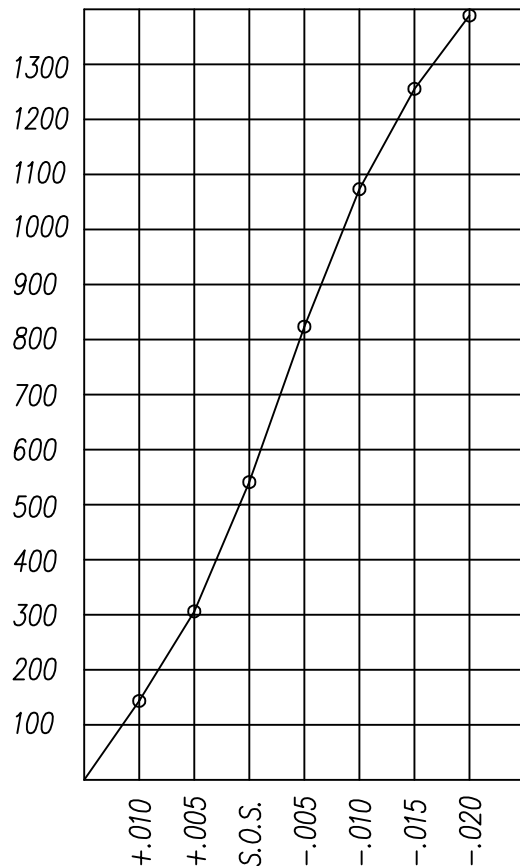
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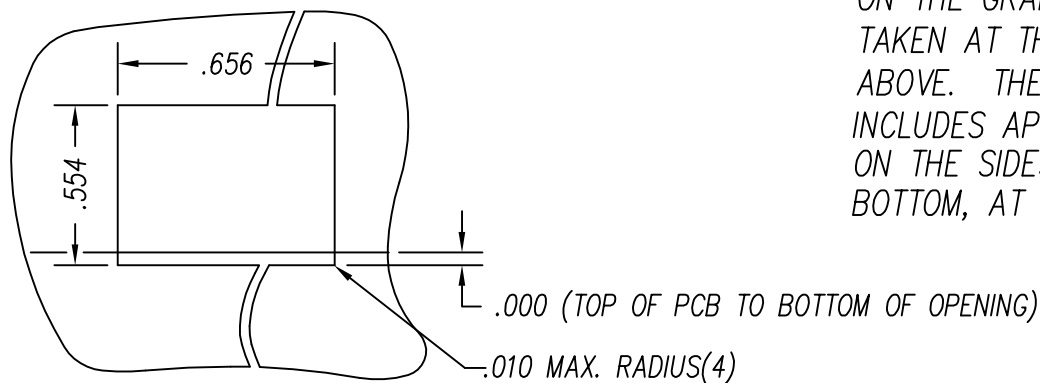
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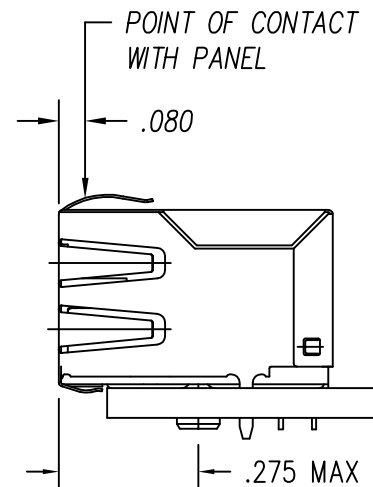
DRAWING NO. SI-50040 REV. 04



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



SUGGESTED PANEL OPENING



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.

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