

ELECTRICAL SPECIFICATIONS:

1.0 INDUCTANCE: (P3-J3) : ( P4-J4) : (P7-J7) : 65 uH TYP @.05V, 10KHz

2.0 DC RESISTANCE: P8-J8 = P7-J7 : .5 OHM MAX  
 P6-J6 = P3-J3 : .5 OHM MAX  
 P5-J5 = P4-J4 : .5 OHM MAX

3.0 DIELECTRIC WITHSTAND:

FREQUENCY (MHz)	CMA (-dB) TYPICAL	CMA (-dB) MIN
1	8	5
5	17	15
20	23	15
70	25	20
200	22	17
500	11	6

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

**MagJack**<sup>®</sup>

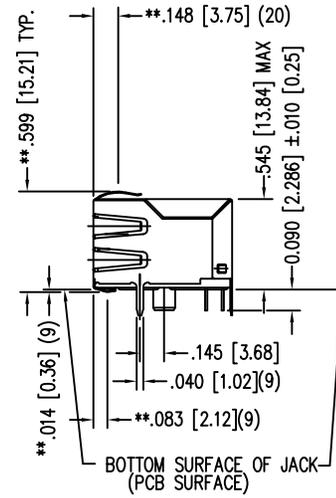
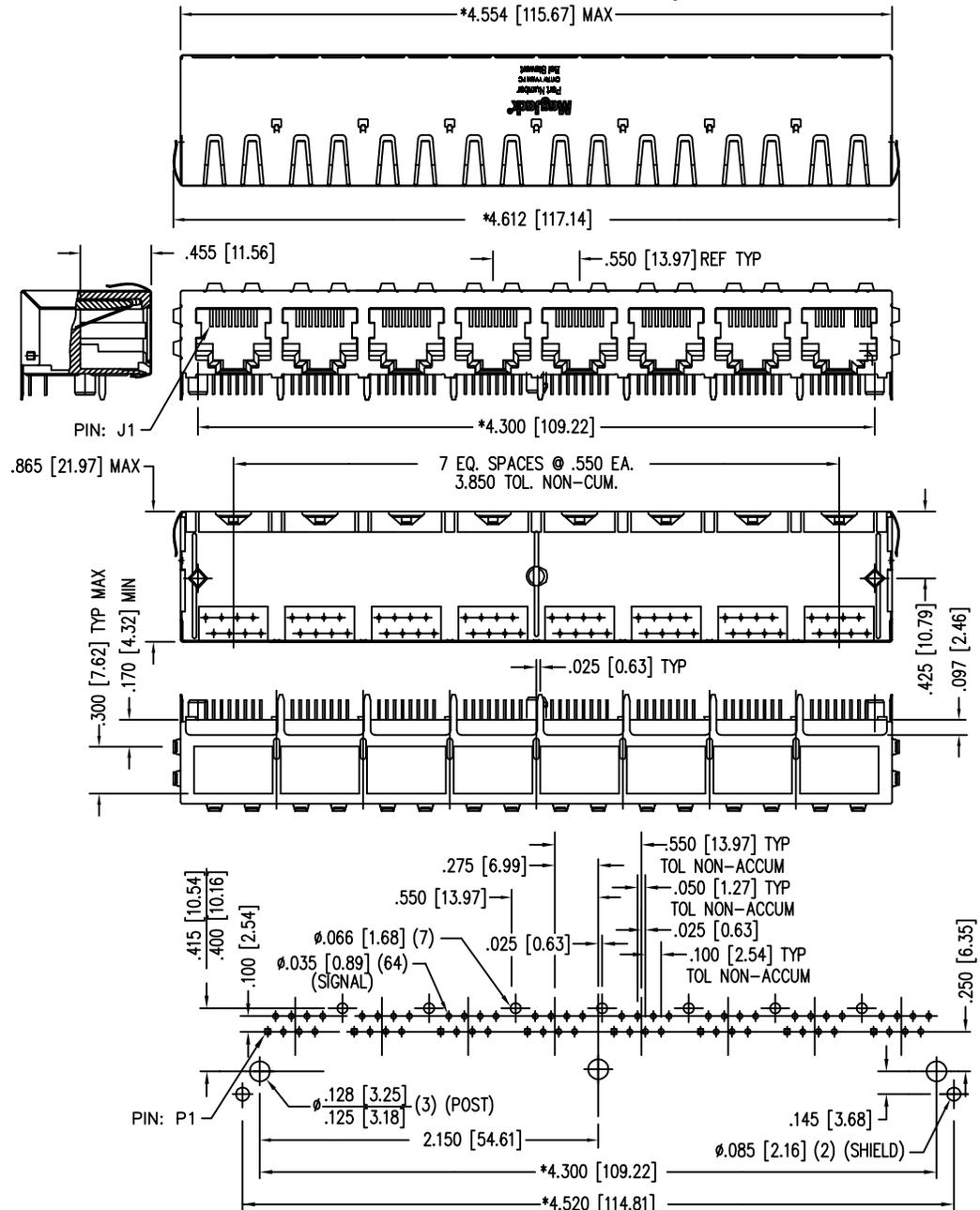
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8 PORT HARMONICA MagJack™



NOTES:

- "PG4" DESIGNATES INCLUSION OF ALL SIDE BOTTOM PANEL GROUNDS, WITH ALL REAR AND
- "BC" DESIGNATES INCLUSION OF ALL TOP AND PANEL GROUNDS. SIDE SOLDER TAILS. REAR SOLDER TAILS OFFSET .025".
- 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.
- PINS NOT ELECTRICALLY CONNECTED MAYBE OMITTED. SEE ELECTRICAL DRAWING FOR OMITTED PINS.
- STANDARD 50 MICRO-INCH SELECTIVE
- REFLOW COMPATIBLE - 230°C/90 SECS

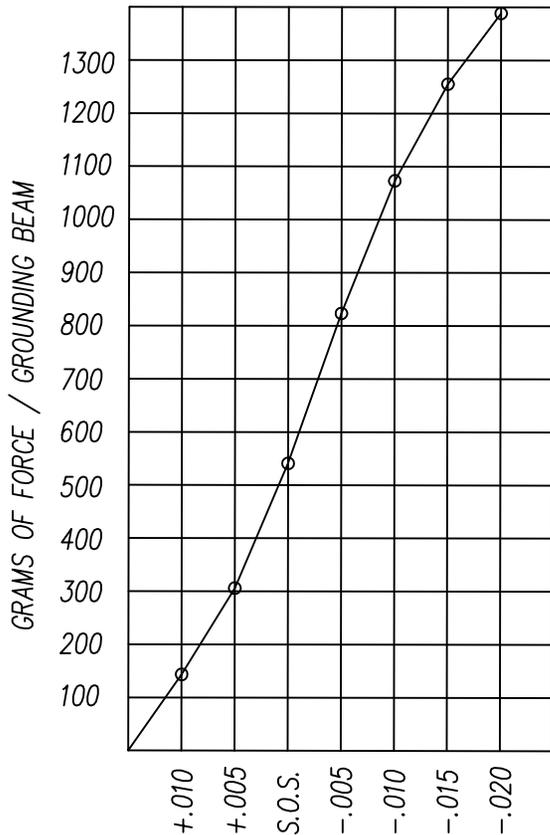
P.C.B. RECOMMENDED HOLE LAYOUT  
SEEN FROM COMPONENT SIDE  
TOLERANCE ±.003 [0.08] UNLESS OTHERWISE SPECIFIED

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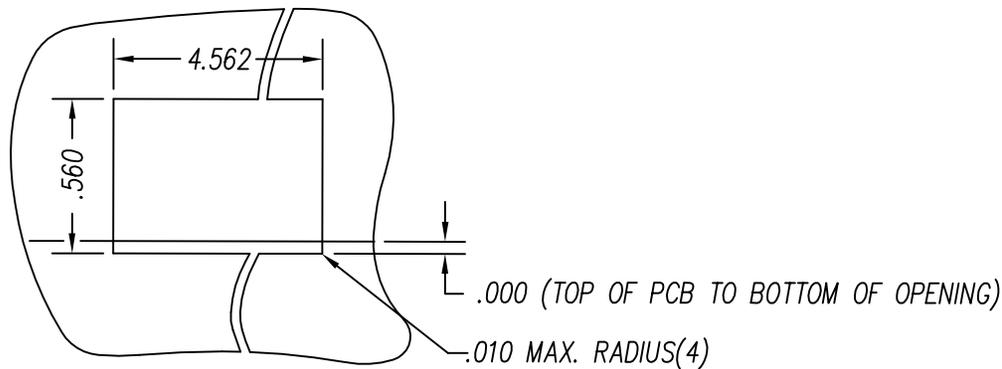
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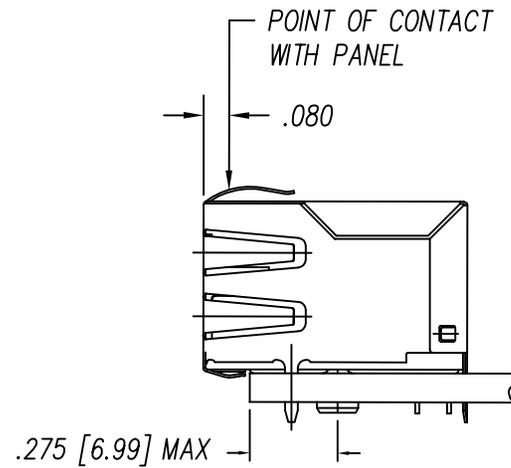
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PANEL GROUNDING BEAM DEFLECTION  
S.O.S. = SUGGESTED OPENING SIZE



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 .005 ON THE BOTTOM.

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