

ELECTRICAL SPECIFICATIONS:

- 1.0 TURNS RATIO: $(P7-P6-P8) : (J6-J3)$: 1CT : 1 \pm 3%
 $(P3-P5-P4) : (J2-J1)$: 1CT : 2 \pm 3%
- 2.0 INDUCTANCE: $(P7-P8)=(J6-J3)$: 98uH MIN. @ 0.01V, 10KHz , ROOM TEMPERATURE
 $(P3-P4)$: 18uH MIN. @ 0.01V, 10KHz , ROOM TEMPERATURE
- 3.0 LEAKAGE INDUCTANCE: P7-P8 (WITH J6 AND J3 SHORT) : 0.3uH MAX. @ 1MHz
P3-P4 (WITH J2 AND J1 SHORT) : 0.08uH MAX. @ 1MHz
- 4.0 INTERWINDING CAPACITANCE: $(P7,P8)$ TO $(J6,J3)$: 8pf MAX @ 1MHz
 $(P3,P4)$ TO $(J2,J1)$: 6pf MAX. @ 1MHz
- 5.0 DC RESISTANCE: $(J6-J3)=(J2-J1)$: 0.7 ohms Max.
 $(P7-P6)=(P6-P8)$: 0.3 ohms Max.
 $(P3-P5)=(P5-P4)$: 0.3 ohms Max.
- 6.0 DIELECTRIC WITHSTAND: $(P7,P8)$ TO $(J6,J3)$: 1500VAC
 $(P3,P4)$ TO $(J2,J1)$: 1500VAC

NOTES

1.0 PINS WITHOUT ELECTRICAL CONNECTION ARE OMITTED.

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

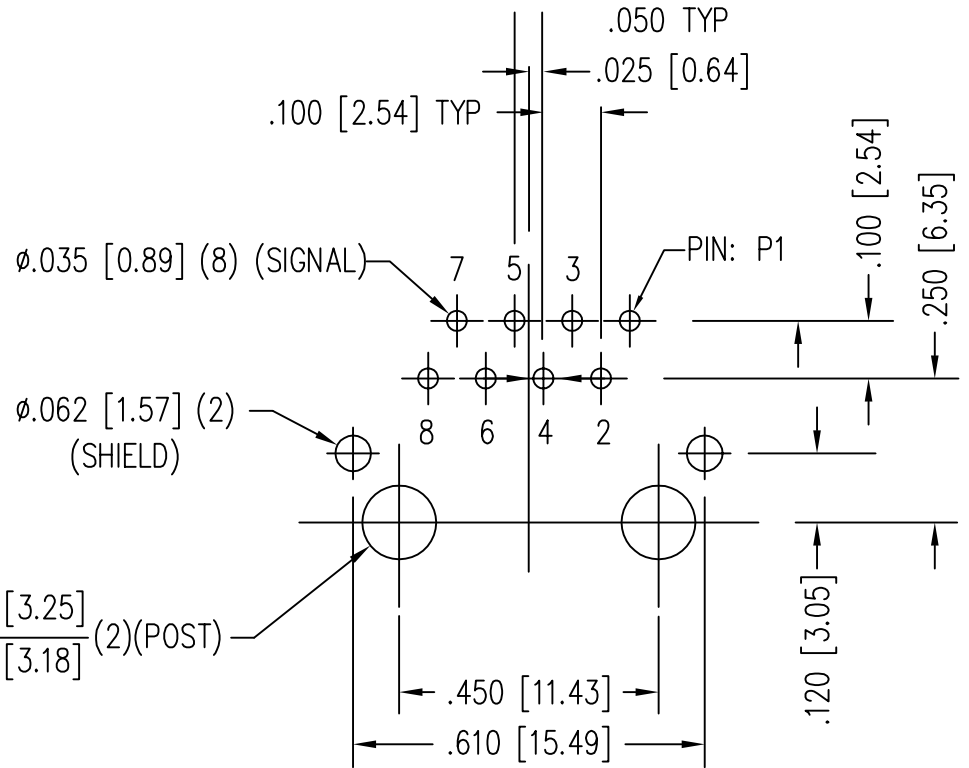
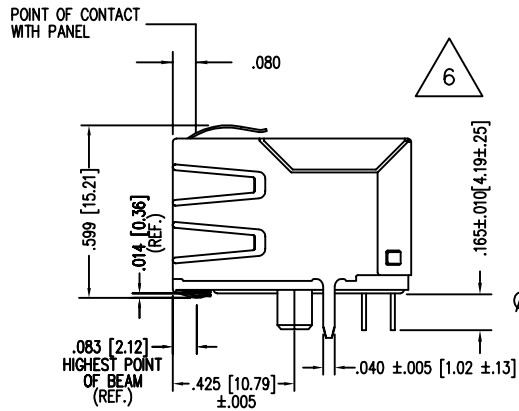
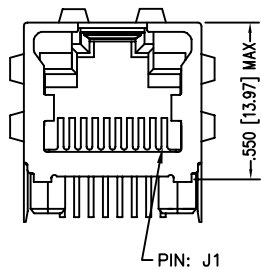
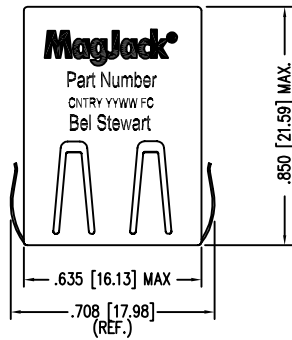
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DRAWING NO. SI-50067 REV. 01



P.C.B. RECOMMENDED HOLE LAYOUT
 SEEN FROM COMPONENT SIDE
 TOLERANCE ± 0.003 [0.08] UNLESS OTHERWISE SPECIFIED

NOTES:

- CONNECTOR MATERIALS:
 HOUSING: THERMOPLASTIC UL94 V-0
 CONTACT/SHIELD: COPPER ALLOY
 SHIELD PLATING: NICKEL OR TIN
 CONTACT PLATING: SELECTIVE GOLD,
 50 MICRO-INCHES MIN. IN CONTACT AREA.
- PIN NOT ELECTRICALLY CONNECTED MAYBE OMITTED.
 SEE ELECTRICAL DRAWING FOR OMITTED PINS.
- TOLERANCES COMPLY WITH F.C.C. DIMENSION REQUIREMENTS.
- ALL TOLERANCES NOT OTHERWISE SPECIFIED TO BE ± 0.005 [0.13]
- WAVE SOLDER COMPATIBLE - PREHEAT 125°C/90SECS.
 HIGH TEMPERATURE REFLOW COMPATIBLE - 230°C/90 SEC MAX.

 NOTE SPECIAL LEAD LENGTH

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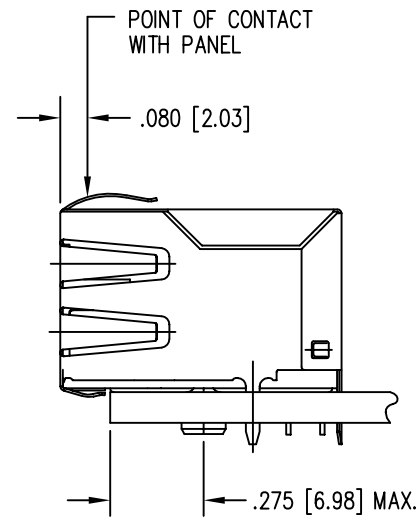
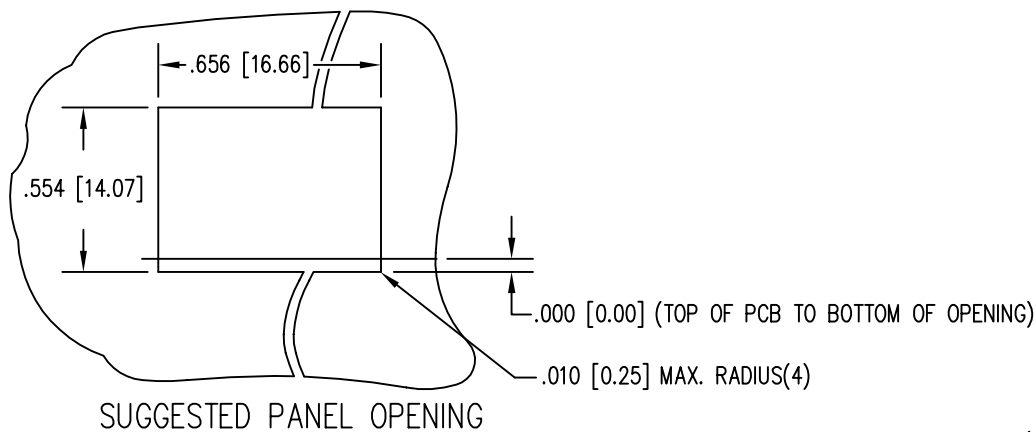
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DRAWING NO. SI-50067 REV. 04



1. THE SUGGESTED PANEL OPENING IS INTENDED TO GIVE THE USER THE ABILITY TO HAVE REASONABLE JACK / PANEL CLEARANCES YET MAINTAIN RELIABLE GROUNDING CAPABILITY.
2. ALL TOLERANCES NOT OTHERWISE SPECIFIED TO BE ± 0.005 [0.13]

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DRAWING NO.

SI-50067

REV. 04