

NOTE:  
PINS NOT ELECTRICALLY CONNECTED ARE OMITTED.

ELECTRICAL SPECIFICATIONS:

1.0 INDUCTANCE: (P6-J6) : (P1-J1) : 65 uH TYP @.01V, 10KHz

2.0 DC RESISTANCE: P6-J6 : .5 OHM MAX  
 P3-J3 : .5 OHM MAX  
 P2-J2 : .5 OHM MAX  
 P1-J1 : .5 OHM MAX

3.0 COMMON MODE : CMA (-dB)

| FREQUENCY (MHz) | TYPICAL | 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

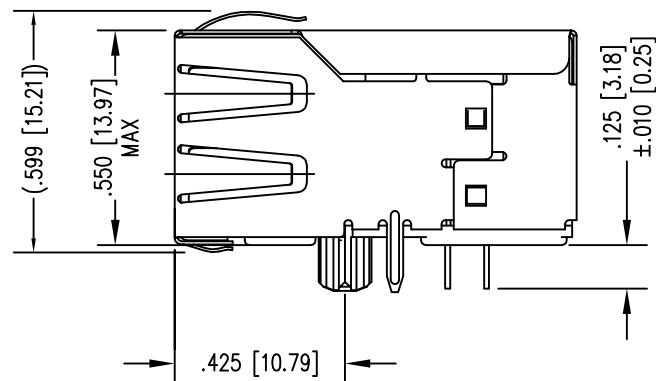
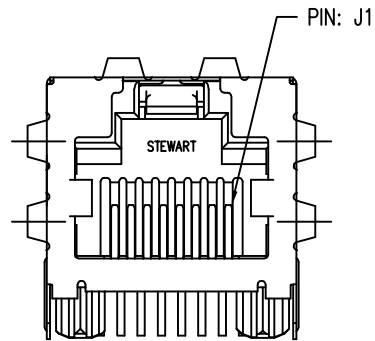
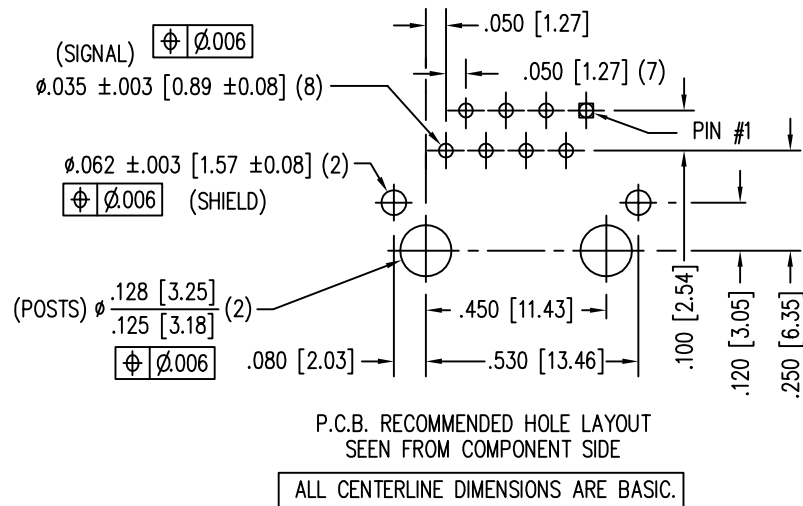
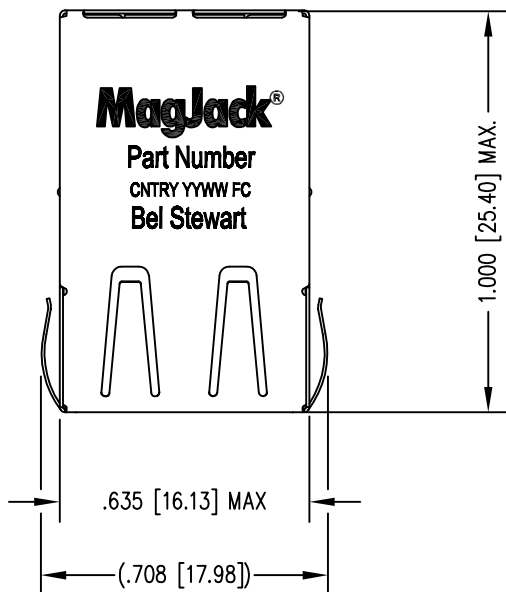
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<http://www.stewartconnector.com>

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SHEET  
1 OF 3

DRAWING NO. SI-50093 REV. 02



NOTES:

1. 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.
2. PIN NOT ELECTRICALLY CONNECTED MAYBE OMITTED.  
 SEE ELECTRICAL DRAWING FOR OMITTED PINS.
3. TOLERANCES COMPLY WITH F.C.C. DIMENSION REQUIREMENTS.
4. ALL TOLERANCES NOT OTHERWISE SPECIFIED TO BE  $\pm 0.005 [0.13]$
5. WAVE SOLDER COMPATIBLE - PREHEAT 125°C/90SECS.  
 HIGH TEMPERATURE REFLOW COMPATIBLE - 230°C/90 SEC MAX.

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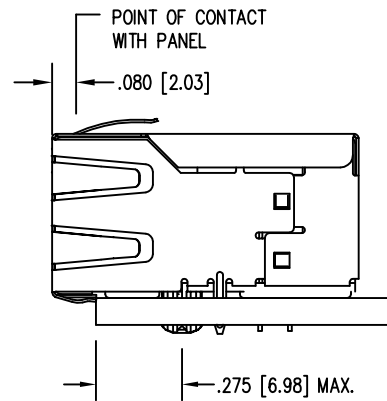
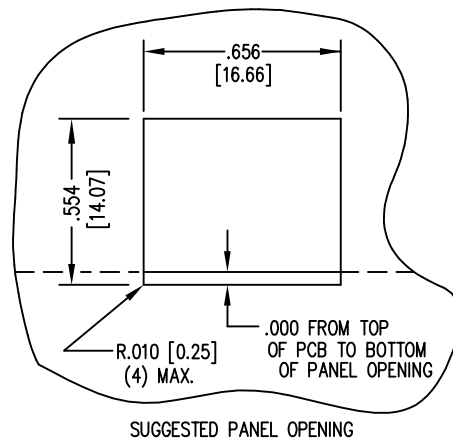
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SI-50093 REV. 05



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  $\pm 0.005$  [0.13]

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DRAWING NO.

SI-50093 REV. 05