

NOTES:

1.0 PINS NOT ELECTRICALLY CONNECTED ARE OMITTED.

ELECTRICAL SPECIFICATIONS:

1.0 INDUCTANCE: P1-J1=P2-J2 ; P4-J4=P5-J5 : 65 uH 0.01V, 10 KHz, nominal.

2.0 DC RESISTANCE: P1-J1 : .5 ohm MAX  
 P2-J2 : .5 ohm MAX  
 P4-J4 : .5 ohm MAX  
 P5-J5 : .5 ohm MAX

3.0 COMMON MODE:

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

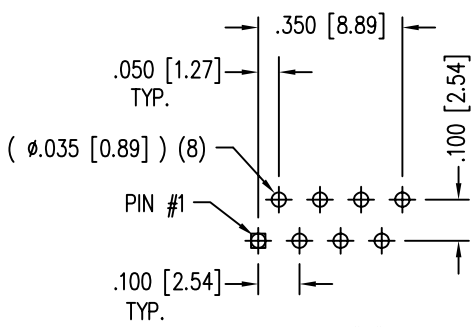
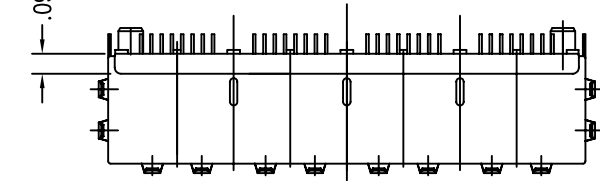
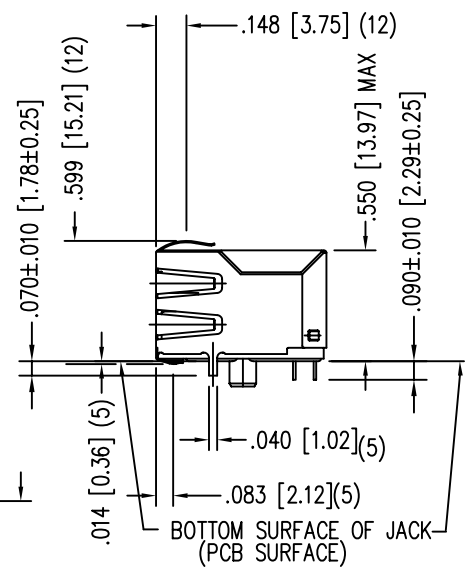
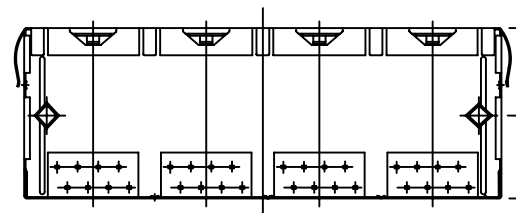
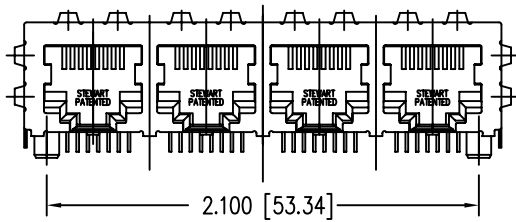
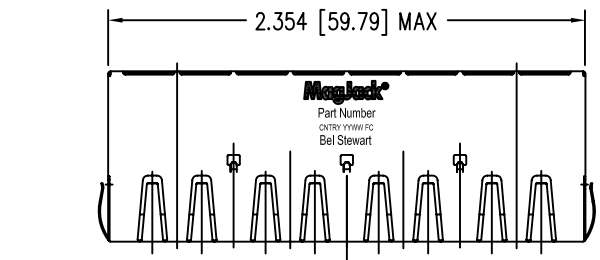
Bel Stewart Connector  
 11118 Susquehanna Trail, South  
 Glen Rock, Pa 17327-9199  
 717.234.7512

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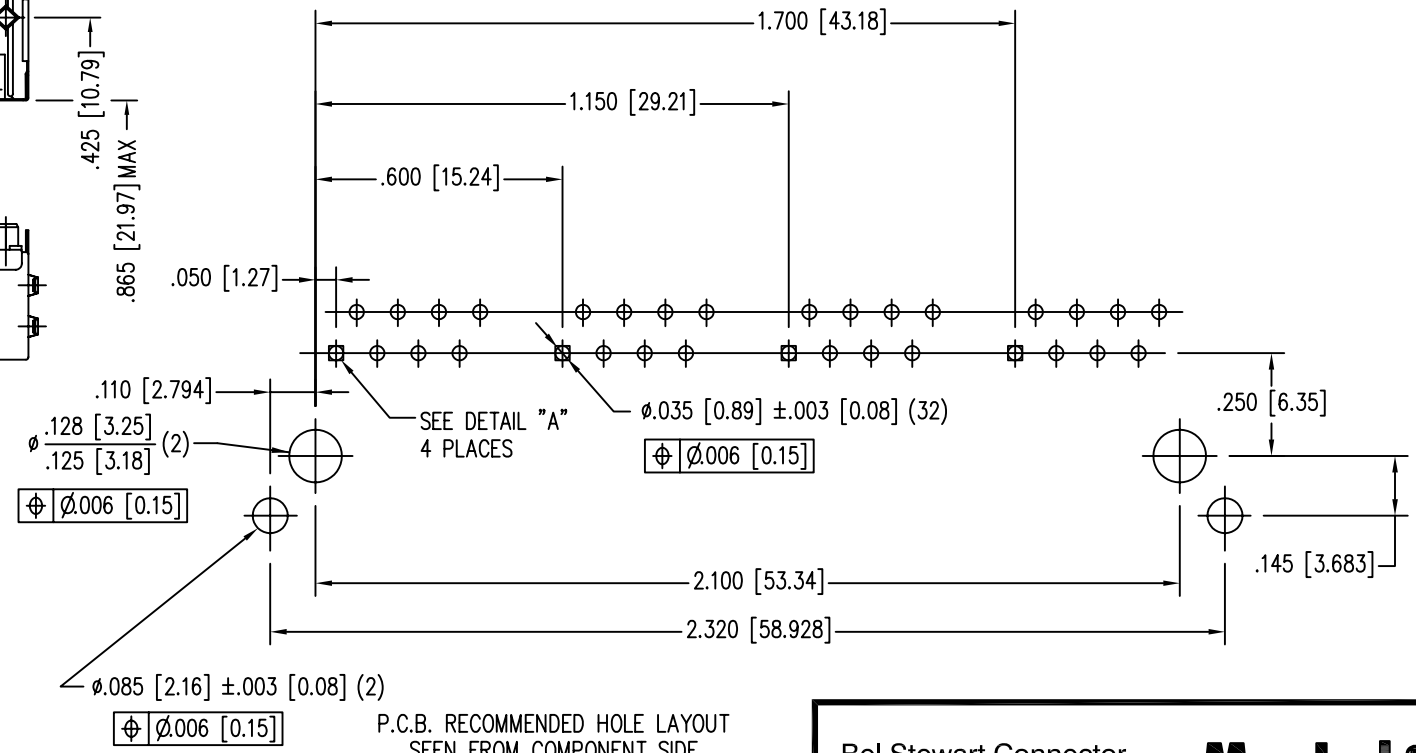
<http://www.stewartconnector.com>

SHEET  
1 OF 3

DRAWING NO. SI-60043 REV. 13



DETAIL "A"  
TYPICAL HOLE LAYOUT



P.C.B. RECOMMENDED HOLE LAYOUT  
SEEN FROM COMPONENT SIDE

ALL CENTERLINE DIMENSIONS ARE BASIC.

NOTES:

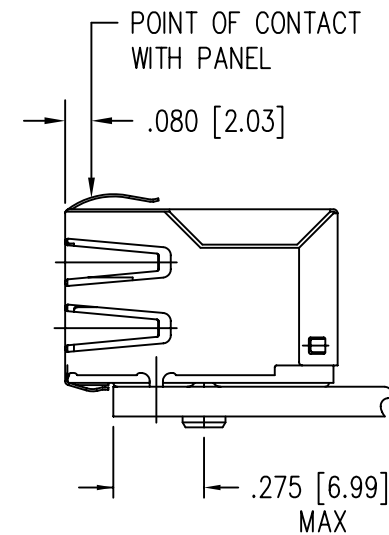
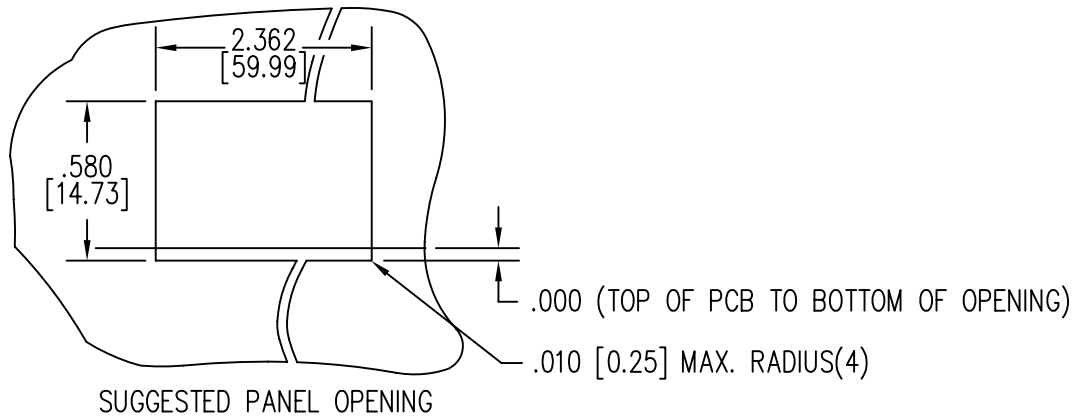
- CONNECTOR MATERIALS:  
HOUSING: THERMOPLASTIC UL94 V-0  
CONTACT/SHIELD: COPPER ALLOY  
SHIELD PLATING: NICKEL OR TIN  
CONTACT PLATING: SELECTIVE GOLD,  
50 MICRO-INCHES MIN. IN CONTACT AREA.
- PIN NOT ELECTRICALLY CONNECTED MAYBE OMITTED.  
SEE ELECTRICAL DRAWING FOR OMITTED PINS.
- TOLERANCES COMPLY WITH F.C.C. DIMENSION REQUIREMENTS.
- ALL TOLERANCES NOT OTHERWISE SPECIFIED TO BE ±.005 [0.13]
- WAVE SOLDER COMPATIBLE - PREHEAT 125°C/90SECS.  
HIGH TEMPERATURE REFLOW COMPATIBLE - 230°C/90 SEC MAX.
- ALL LEDS AND SOLDER TAILS TO BE TRIMED TO .090 [2.29]
- REAR SHIELD SOLDER TAILS TO BE TRIMED FLUSH AND  
SIDE TAILS TO BE TRIMED TO .070 [1.78]

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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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SHEET  
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DRAWING NO. SI-60043

REV. 04