

NOTES

- 1.0 COMPLIES WITH THE EUROPEAN DIRECTIVE 2002/95/EC CALLING FOR THE ELIMINATION OF LEAD AND OTHER HAZADRDOUS SUBSTANCES FROM ELECTRONICS PRODUCTS
- 2.0 UNSUSED PIN 7 IS OMITTED

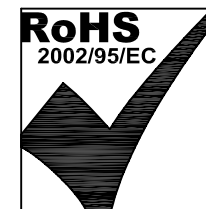
ELECTRICAL SPECIFICATIONS:

OPERATING TEMPERATURE RANGE: : -40°C TO +85°C

1.0 TURNS RATIO: (P3-P5-P6) : (J3-J6) : 1CT : 1CT ± 3%  
 (P1-P4-P2) : (J1-J2) : 1CT : 1CT ± 3%

2.0 INDUCTANCE: (P1-P2) : 350uH MIN. @ 0.1V, 100KHz, 8mA DC Bias  
 (P3-P6) : 350uH MIN. @ 0.1V, 100KHz, 8mA DC Bias

3.0 DC RESISTANCE: (J6-J3)=(J2-J1) : 1.2 ohms Max.



Bel Stewart Connector  
 1118 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 4

DRAWING NO.

SI-60144-F

REV. X2

RECEIVE

4.0 RETURN LOSS:		
	1MHz TO 30MHz	: 18dB MIN.
	60MHz TO 80MHz	: 12dB MIN.
8.0 INSERTION LOSS:		
	100KHz TO 100MHz	: 1.1 dB TYP
10.0 CROSS TALK:		
	1MHz TO 100MHz	: 40 dB TYP
11.0 COMMON TO COMMON MODE ATTENUATION:		
	30MHz TO 100MHz	: 35dB TYP
9.0 RISE TIME:	RS=100 OHMS AND RL = 100 OHMS	
	OUTPUT VOLTAGE = 1 V peak	: 3.0 nS MAX
	PULSE WIDTH= 112nS	: 3.0 nS MAX
7.0 DIELECTRIC WITHSTAND:	(J1, J2) TO (P1, P2)	: 1500 VAC
	(J3, J6) TO (P3, P6)	: 1500 VAC

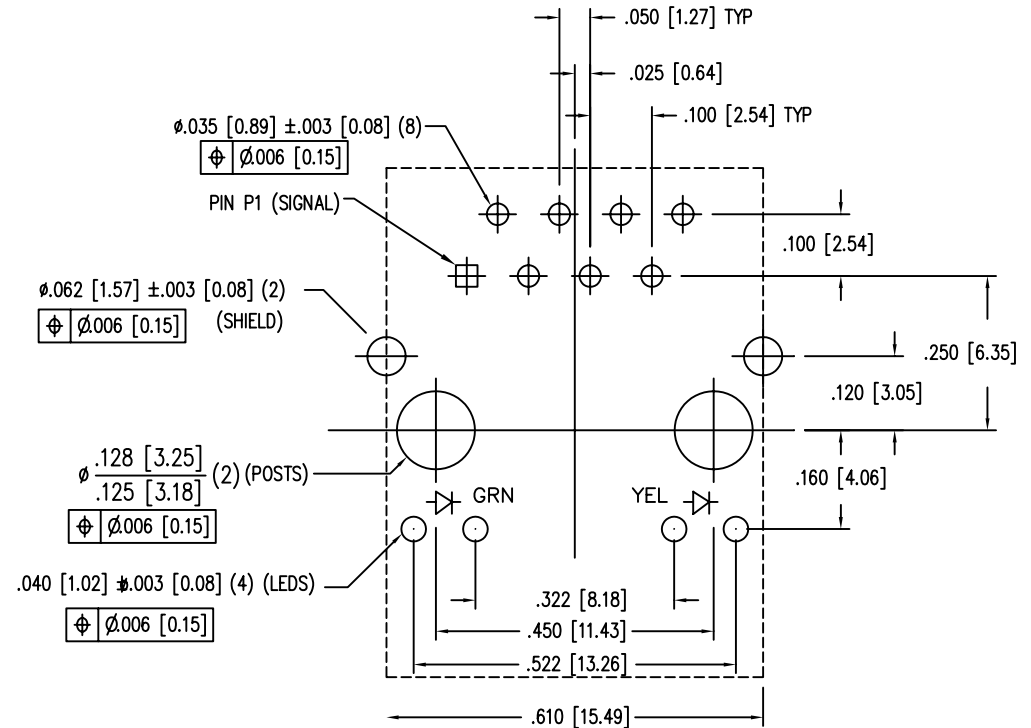
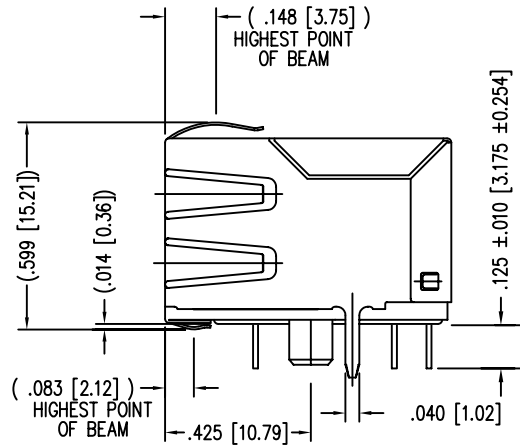
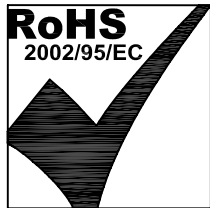
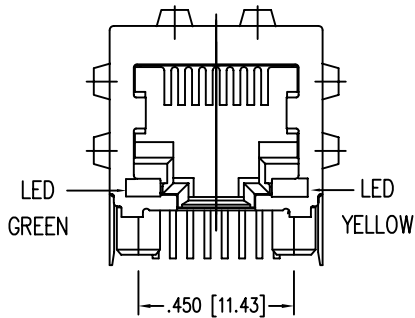
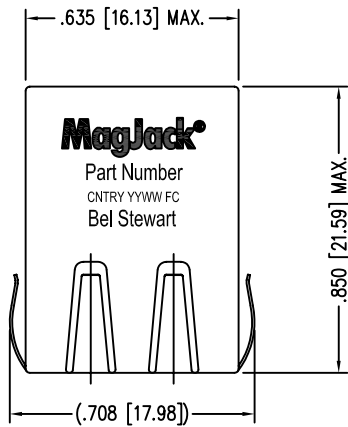
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P.C.B. RECOMMENDED HOLE LAYOUT  
SEEN FROM COMPONENT SIDE

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]
- REFLOW AND WAVE SOLDER COMPATIBLE -260°C FOR 10 SECONDS MAX.

LED SPECIFICATION			
STANDARD LED	WAVELENGTH	FORWARD V (MAX)	*(TYP)
GREEN	565 nm	2.5 V	2.2 V
YELLOW	590 nm	2.5 V	2.1 V

\*WITH A FORWARD CURRENT OF 20 mA (TYP)

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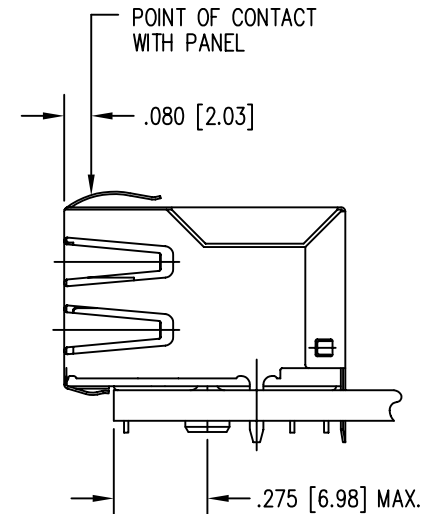
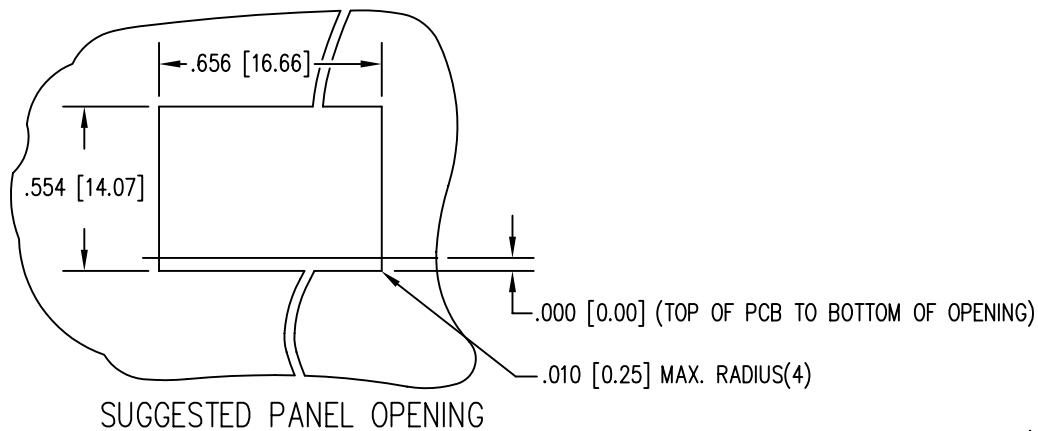
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1. THE SUGGESTED PANEL OPENING IS INTENDED TO GIVE THE USER THE ABILITY TO HAVE REASONABLE JACK / PANEL CLEARANCES YET MAINTAIN RELIABLE GROUNDING CAPABILITY.
2. ALL TOLERANCES NOT OTHERWISE SPECIFIED TO BE  $\pm 0.005$  [0.13]

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SHEET  
4 OF 4

DRAWING NO.  
SI-60144-F

REV.  
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