

ELECTRICAL SPECIFICATIONS:

OPERATING TEMPERATURE RANGE:

: -20C TO +85C

NOTE:

1.0 PINS WITHOUT ELECTRICAL
CONNECTIONS ARE OMITTED.

1.0 INDUCTANCE: P6-J6=P3-J3 ; P2-J2=P1-J1

: 65 uH 0.1V, 10 KHz, nominal @ 25C.

2.0 DC RESISTANCE: P6-J6
P3-J3
P2-J2
P1-J1

: .5 ohm MAX
: .5 ohm MAX
: .5 ohm MAX
: .5 ohm MAX

3.0 3.0 COMMON MODE ATTENUATION:

: CMA (-dB)

<u>FREQUENCY (MHz)</u>	<u>TYPICAL</u>	<u>MIN</u>
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

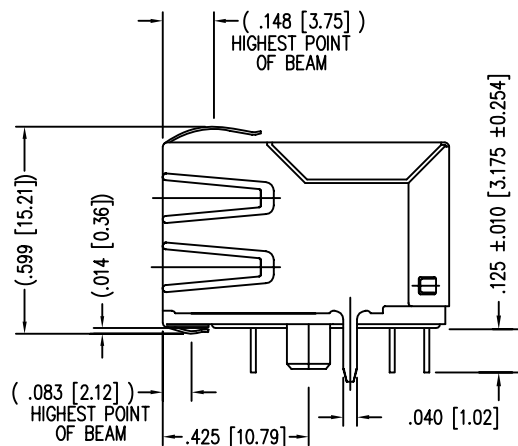
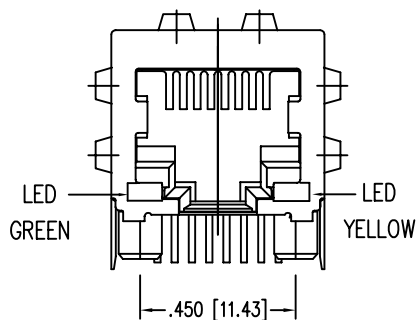
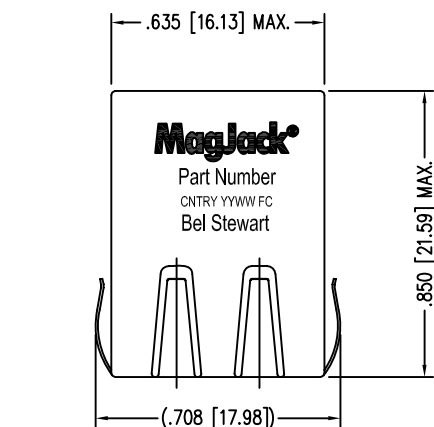
MagJack®
<http://www.stewartconnector.com>

THIS DRAWING AND THE SUBJECT MATTER SHOWN THEREON ARE CONFIDENTIAL AND PROPERTY OF BEL STEWART CONNECTOR AND SHALL NOT BE REPRODUCED, COPIED, OR USED IN ANY MANNER WITHOUT PRIOR WRITTEN CONTENT OF BEL STEWART CONNECTOR. THE SUBJECT MATTER MAY BE PATENTED OR A PATENT MAY BE PENDING.

SHEET 1 OF 3

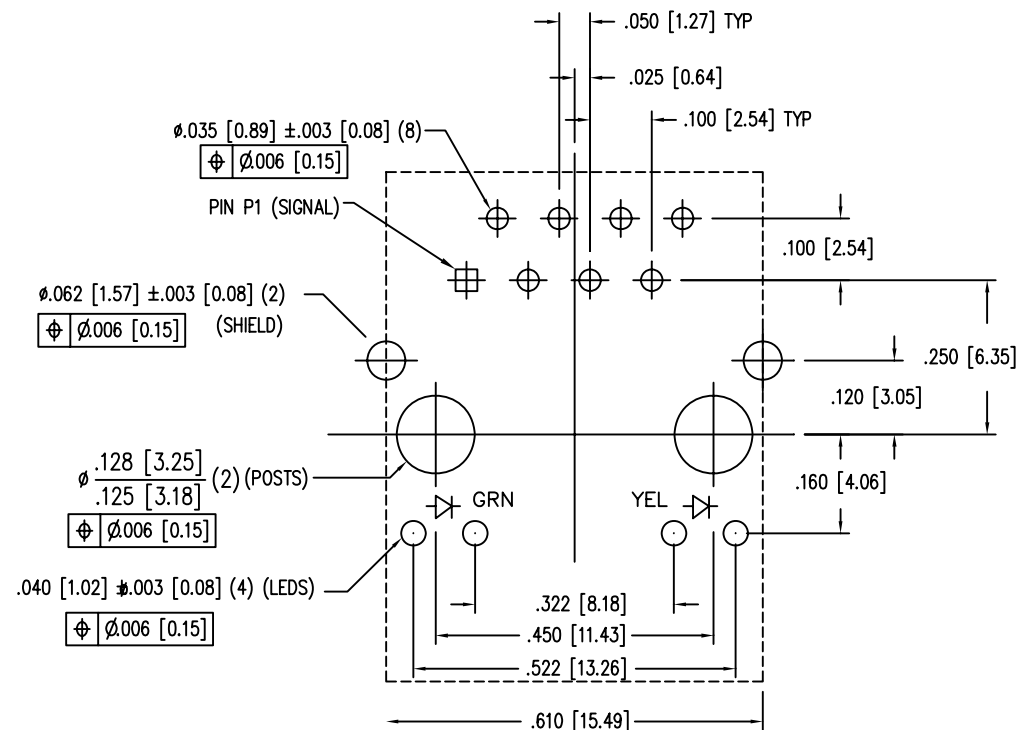
DRAWING NO. SI-40072

REV. 14



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)



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.

Bel Stewart Connector

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

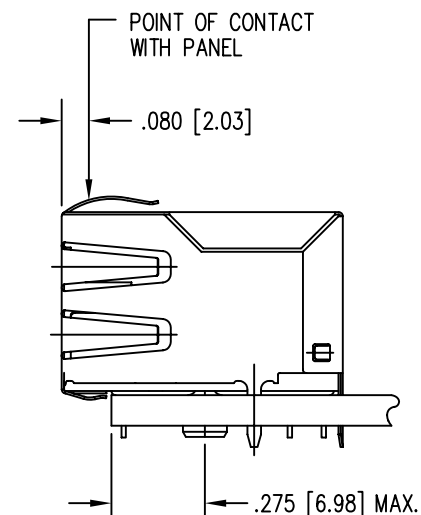
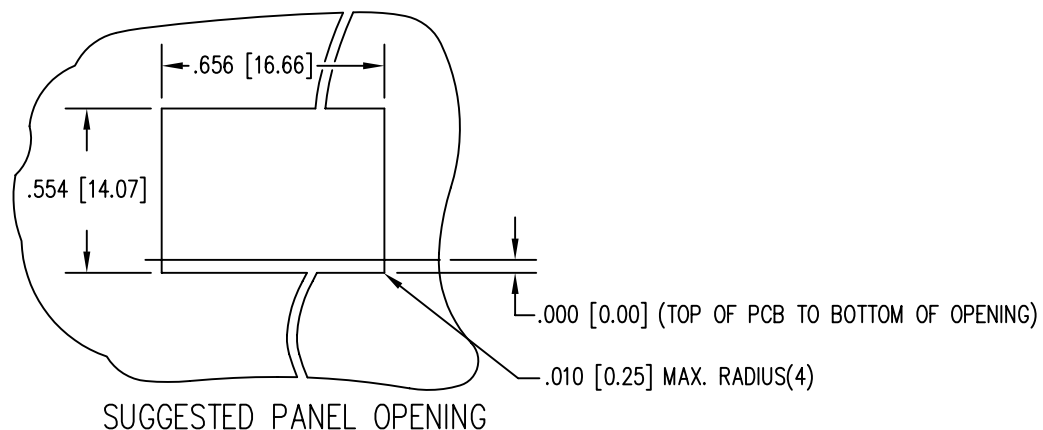
MagJack®

<http://www.stewartconnector.com>

SHEET
2 OF 3

DRAWING NO. SI-40072

REV. 10



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]