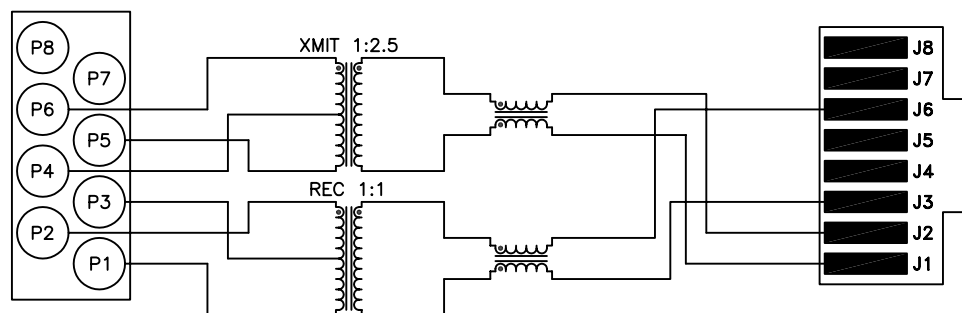


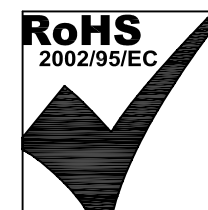


ELECTRICAL SPECIFICATIONS:

- | | | |
|-------------------------------|------------------------------|-----------------------------|
| 1.0 TURNS RATIO: | (P2-P3-P1) : (J6-J3) | : 1CT : 1 ±3% |
| | (P6-P4-P5) : (J2-J1) | : 1CT : 2.5 ±3% |
| 2.0 INDUCTANCE: | (P2-P1) | : 200uH MIN. @ 0.01V, 10KHz |
| | (P6-P5) | : 35uH MIN. @ 0.01V, 10KHz |
| 3.0 LEAKAGE INDUCTANCE: | P2-P1 (WITH J6 AND J3 SHORT) | : 0.3uH MAX. @ 1MHz |
| | P6-P5 (WITH J2 AND J1 SHORT) | : 0.3uH MAX. @ 1MHz |
| 4.0 INTERWINDING CAPACITANCE: | (P2,P1) TO (J6,J3) | : 10pf MAX @ 1MHz |
| | (P6,P5) TO (J2,J1) | : 10pf MAX. @ 1MHz |
| 5.0 DC RESISTANCE: | (J6-J3)=(J2-J1) | : 1.0 ohms Max. |
| | (P6-P4)=(P4-P5) | : 0.3 ohms Max. |
| | (P2-P3)=(P3-P1) | : 0.3 ohms Max. |
| 6.0 DIELECTRIC WITHSTAND: | (P2,P1) TO (J6,J3) | : 1500VAC |
| | (P6,P5) TO (J2,J1) | : 1500VAC |

NOTES

1.0 ALL J-PINS SHALL BE LOADED.
P-PINS (SOLDER PINS) WITHOUT
ELECTRICAL CONNECTIONS CAN BE
OMITTED.



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

MagJack®

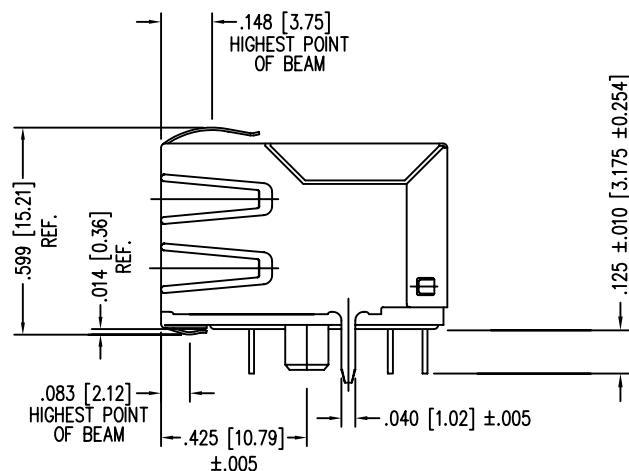
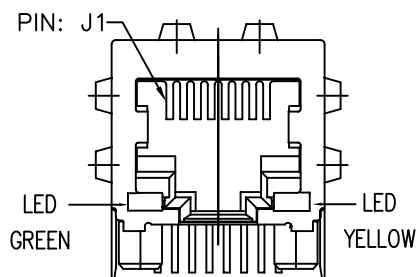
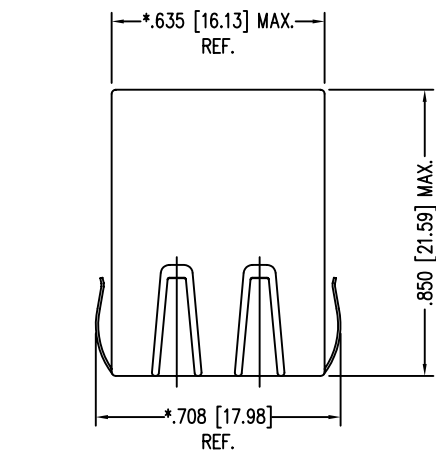
<http://www.stewartconnector.com>

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-60125-F

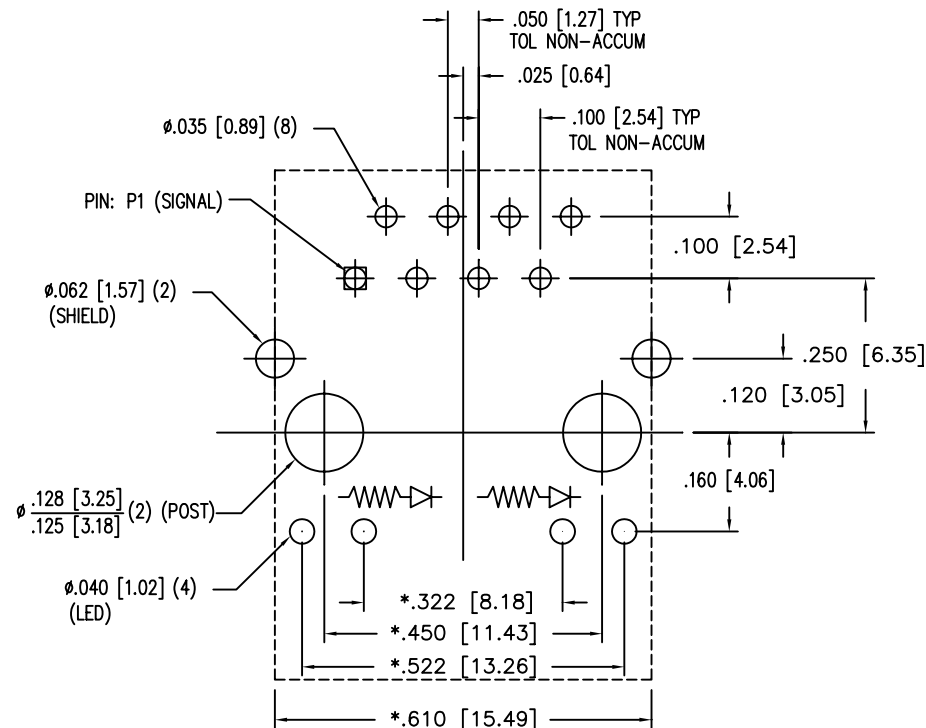
REV.
03



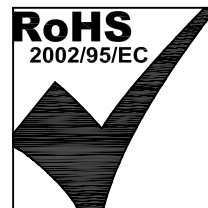
NOTES:

- 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.
- THE SUGGESTED PANEL OPENING IS INTENDED TO GIVE
USER THE ABILITY TO HAVE REASONABLE JACK/PANEL
CLEARANCES, YET MAINTAIN GROUNDING CAPABILITY.
- WAVE SOLDER COMPATIBLE - PREHEAT 125°C/90SECS.

CT720034X1/24-0205



P.C.B. RECOMMENDED HOLE LAYOUT
SEEN FROM COMPONENT SIDE
TOLERANCE $\pm .003$ [0.08] UNLESS OTHERWISE SPECIFIED



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

Bel Stewart Connector

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

MagJack®

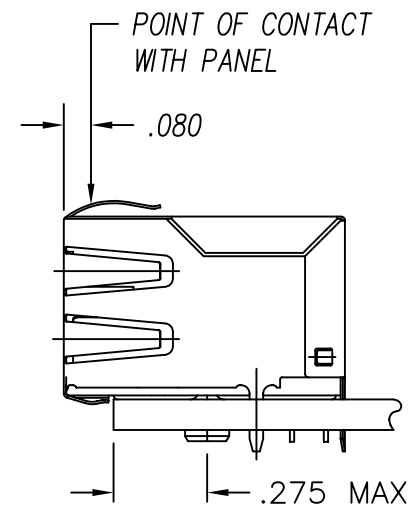
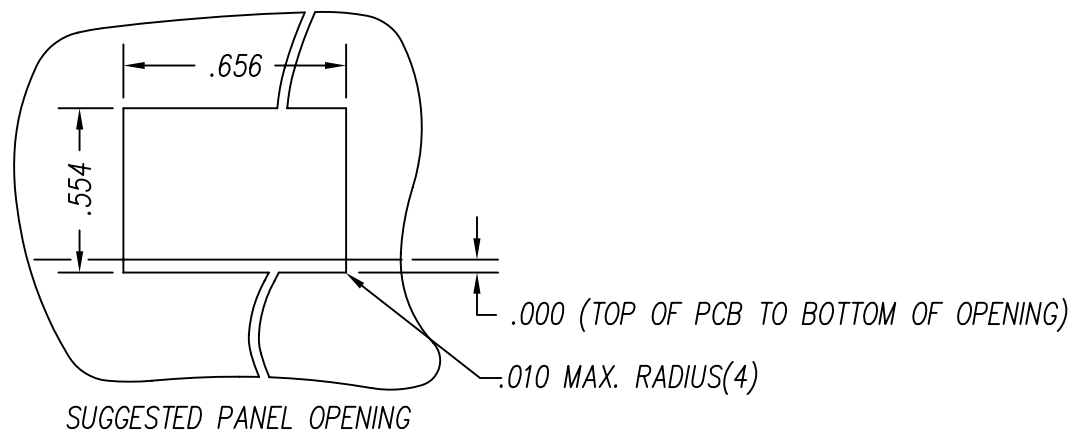
<http://www.stewartconnector.com>

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
2 OF 3

DRAWING NO.
SI-60125-F

REV.
02



CT720034X1/24-0205

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
3 OF 3

DRAWING NO.
SI-60125-F

REV.
02