

ELECTRICAL SPECIFICATIONS:

1.0 TURNS RATIO (P6-P8-P3) : (J6-J3)	: 1CT : 1 \pm 3%
(P2-P7-P1) : (J2-J1)	: 1CT : 2 \pm 3%
2.0 INDUCTANCE (P6-P3)=(J6-J3)	: 98uH MIN. @ 0.01V , 10KHz
(P2-P1)	: 18uH MIN. @ 0.01V, 10KHz
3.0 LEAKAGE INDUCTANCE P6-P3 (WITH J6 AND J3 SHORT)	: 0.3uH MAX. @ 1MHz
P2-P1 (WITH J2 AND J1 SHORT)	: 0.08uH MAX. @ 1MHz
4.0 INTERWINDING CAPACITANCE (P6,P3) TO (J6,J3)	: 8pf MAX @ 1MHz
(P2,P1) TO (J2,J1)	: 6pf MAX. @ 1MHz
5.0 DC RESISTANCE (J6-J3)=(J2-J1)	: 0.7 ohms Max.
(P6-P8)=(P8-P3)	: 0.3 ohms Max.
(P2-P7)=(P7-P1)	: 0.3 ohms Max.
6.0 DIELECTRIC WITHSTAND (P6,P3) TO (J6,J3)	: 1500VAC
(P2,P1) TO (J2,J1)	: 1500VAC

NOTES

1.0 PINS WITHOUT ELECTRICAL CONNECTION ARE OMITTED.

2.0 Ref. MG06

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

MagJack

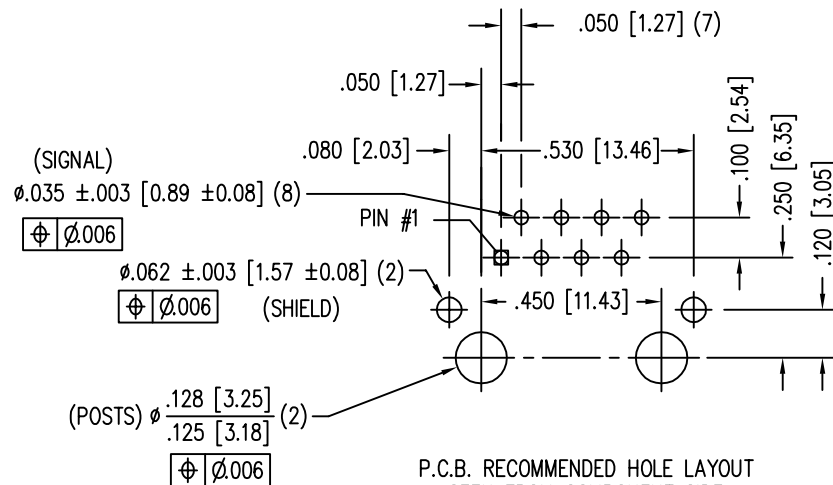
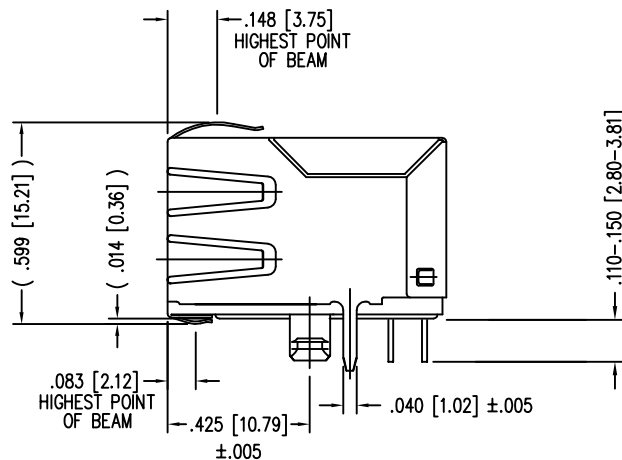
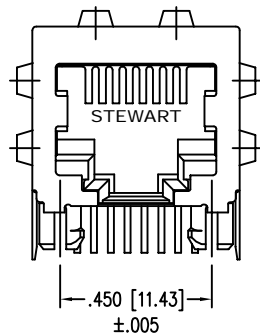
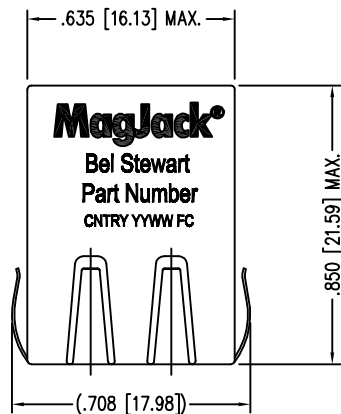
<http://www.stewartconnector.com>

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-10141 REV. 11



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 ±.005 [0.13]
5. WAVE SOLDER COMPATIBLE - PREHEAT 125°C/90SECS.

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

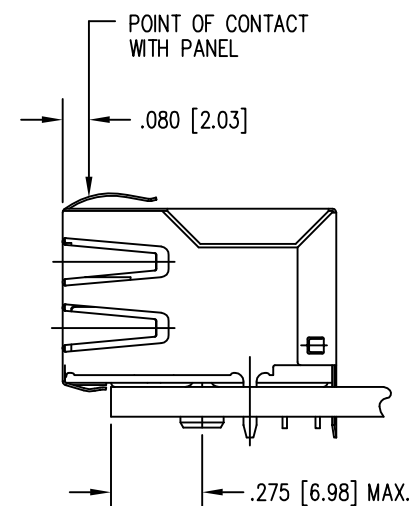
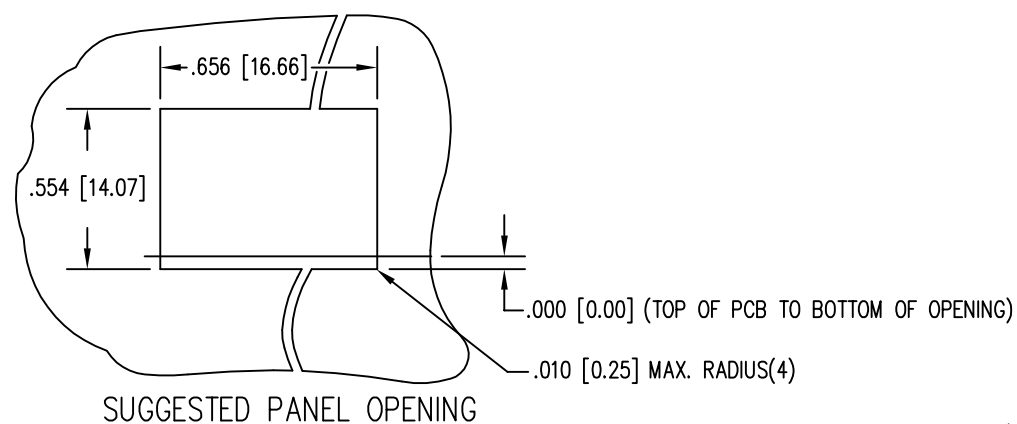
MagJack®

<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-10141 REV. 09



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]

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-10141

REV. 09