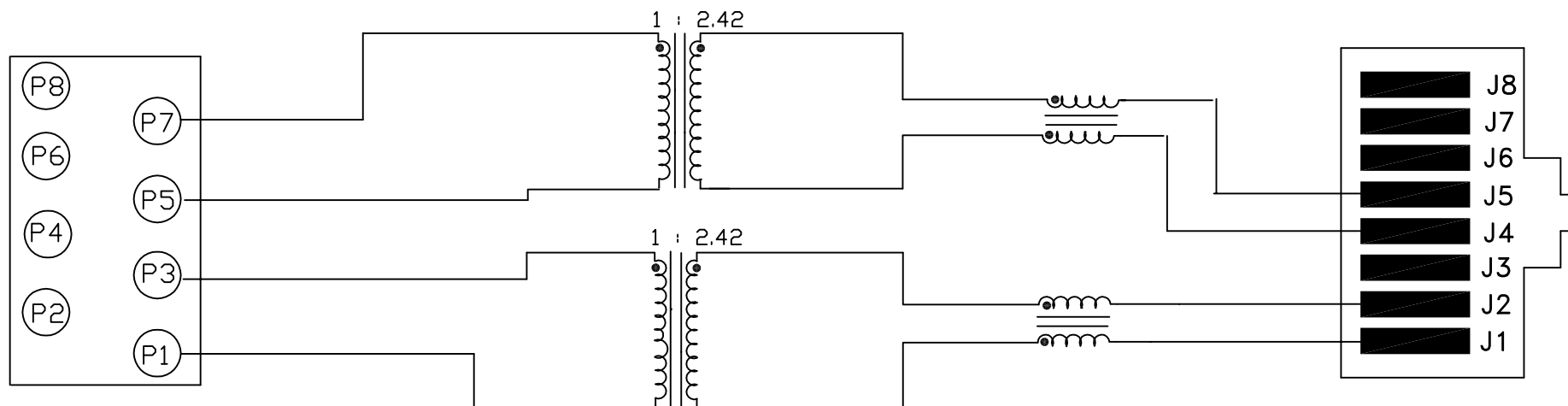




ELECTRICAL SPECIFICATIONS:

1.0 TURNS RATIO: (P3-P1) : (J2-J1) : 1 : 2.42 ± 3%
(P7-P5) : (J5-J4) : 1 : 2.42 ± 3%

2.0 INDUCTANCE: (P3-P1) ; (P7-P5) : 1.2mH MIN. @ 0.1V, 100KHz

3.0 LEAKAGE INDUCTANCE: P3-P1 (WITH J2 AND J1 SHORT) : 0.5 MAX. @ 1MHz
P7-P5 (WITH J5 AND J4 SHORT) : 0.5 MAX. @ 1MHz

4.0 INTERWINDING CAPACITANCE: (P3,P1) TO (J2,J1) : 35pf MAX @ 1MHz
(P7,P5) TO (J5,J4) : 35pf MAX. @ 1MHz

5.0 DC RESISTANCE: (P7-P5) ; (P3-P1) : .8 ohms Max.

6.0 DIELECTRIC WITHSTAND: (P7-P5) TO (J5-J4) : 1500VAC
(P3-P1) TO (J2-J1) : 1500VAC

7.0 RETURN LOSS : (J1-J2 & J4-J5) 100 OHM REF.
51KHz TO 102KHz : 12dB MIN
102KHz TO 2.048MHz : 18dB MIN
2.048MHz TO 3.072MHz : 14dB MIN

NOTES

1.0 PINS WITHOUT ELECTRICAL CONNECTION ARE OMITTED.

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.

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

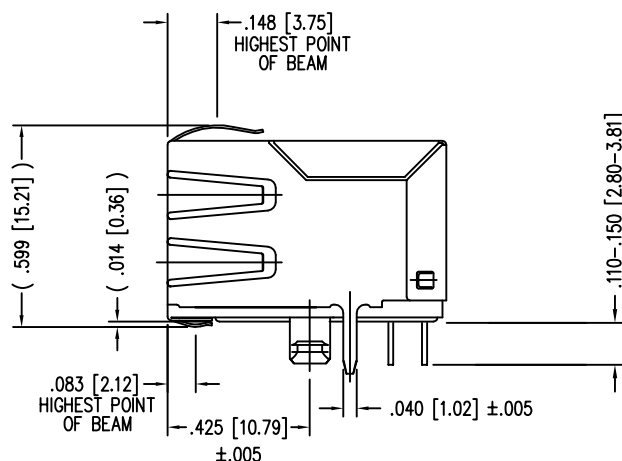
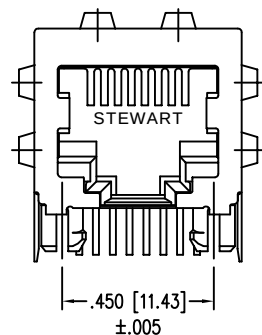
MagJack

<http://www.stewartconnector.com>

SHEET
1 OF 3

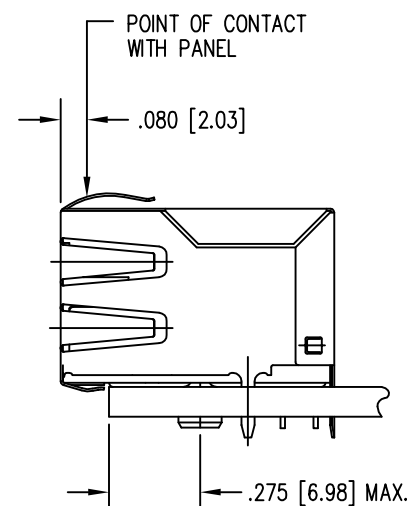
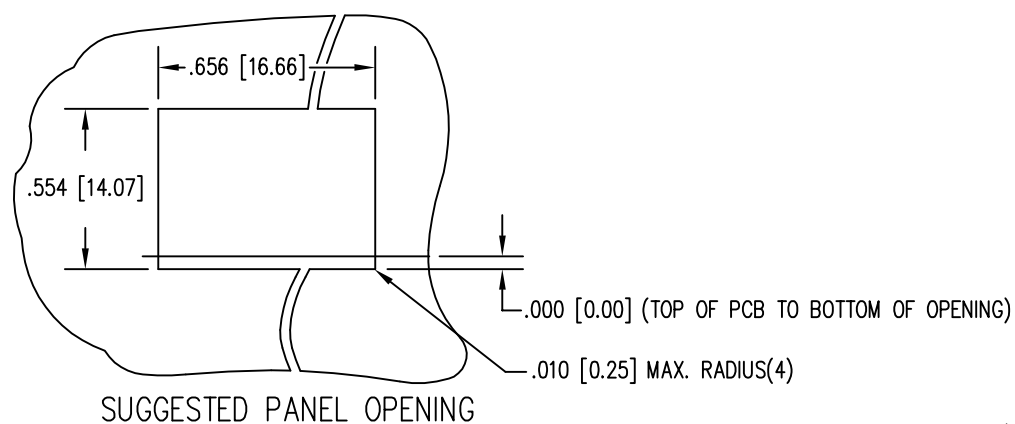
DRAWING NO. SI-10075

REV. 01



SI-10075 REV. 09

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]

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.

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

MagJack®

<http://www.stewartconnector.com>

SHEET
3 OF 3

DRAWING NO.

SI-10075

REV.
09