

**ELECTRICAL SPECIFICATIONS:**

NOTE:

PINS NOT ELECTRICALLY CONNECTED ARE OMITTED.

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

1.0 INDUCTANCE: (P6-J6) : (P1-J1)

: 65  $\mu$ H TYP @.01V, 10KHZ

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:

: CMA (-dB)

FREQUENCY (MHZ)	TYPICAL	MIN
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 CONSENT OF BEL STEWART CONNECTOR. THE SUBJECT MATTER SHOWN HEREON MAY BE PATENTED OR A PATENT MAY BE PENDING FOR THE SUBJECT MATTER SHOWN HEREON.

SHEET 1 OF 2

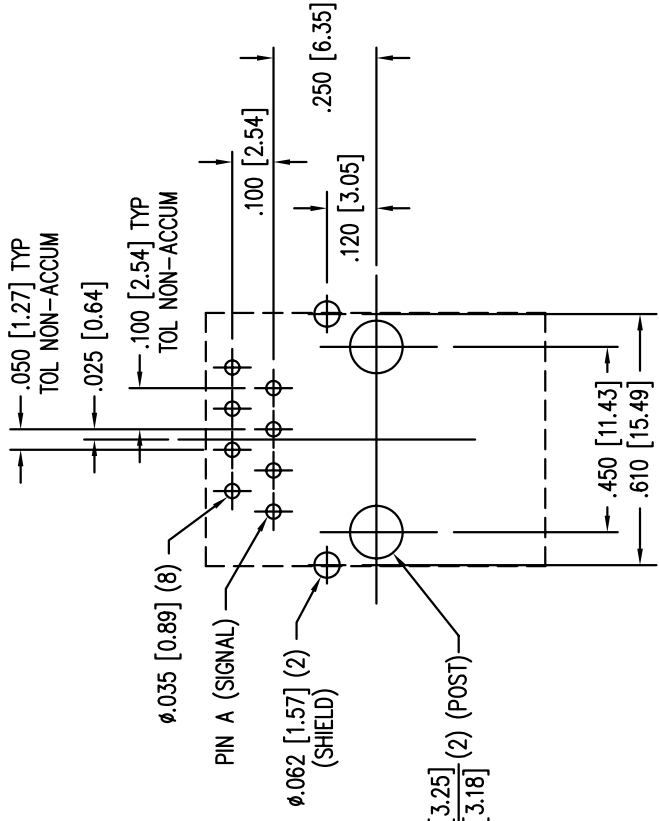
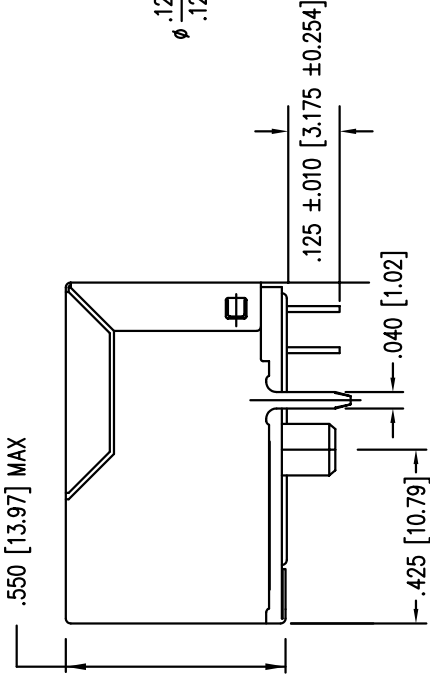
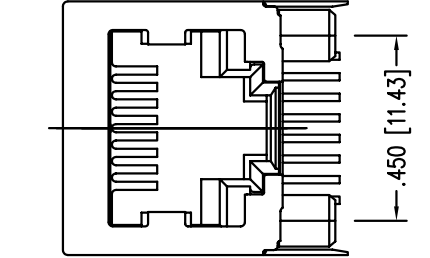
DRAWING NO. SJ-60023

REV. 14

.635 [16.13] MAX.

**MagJack**  
 Part Number  
 CNTRYYYWVFC  
 Bel Stewart

.850 [21.59] MAX.



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

NOTES:  
 - PIN NOT ELECTRICALLY CONNECTED MAYBE OMITTED.

- 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.

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 BEL STEWART CONNECTOR. THE SUBJECT MATTER SHOWN HEREON MAY BE PATENTED OR A PATENT MAY BE PENDING.