

RECEIVE

6.0 RETURN LOSS: (P6-P4)=100 OHMS AND (P1-P3)=100 OHM REF.
1MHz TO 30MHz : 18dB MIN.
60MHz TO 80MHz : 12dB MIN.

NOTE: 100 OHMS CONNECTED TO (J2-J1) OR (J6-J3).

7.0 DIELECTRIC WITHSTAND: (J1, J2) TO (P1, P3) : 1500 VAC
(J3, J6) TO (P4,P6) : 1500 VAC

8.0 INSERTION LOSS: RS=RL=100 ohms : 1.1 dB TYP
100KHz TO 100MHz

9.0 RISE TIME: RS=100 OHMS AND RL = 100 OHMS : 3.0 nS MAX
OUTPUT VOLTAGE = 1 V peak : 3.0 nS MAX
PULSE WIDTH= 112nS

10.0 CROSS TALK: 1MHz TO 100MHz : 40 dB TYP

11.0 COMMON TO COMMON MODE ATTENUATION: 30MHz TO 100MHz : 35dB TYP

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

MagJack

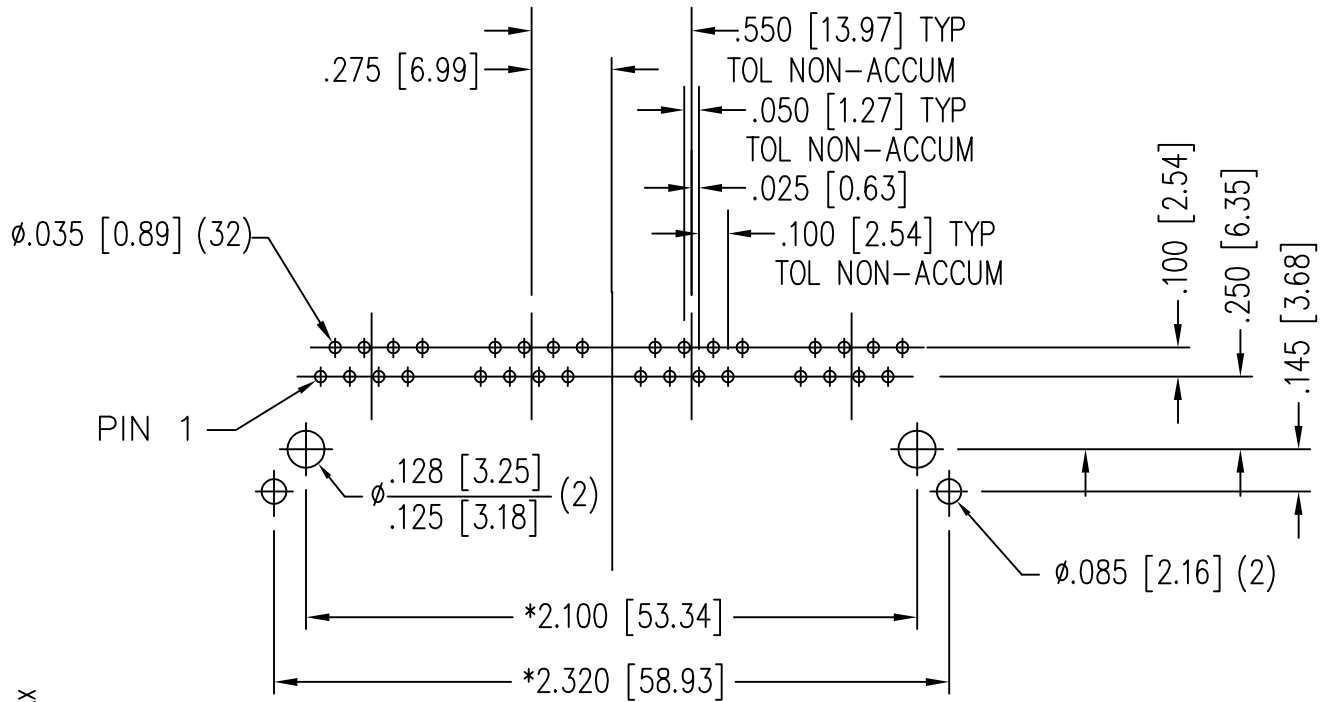
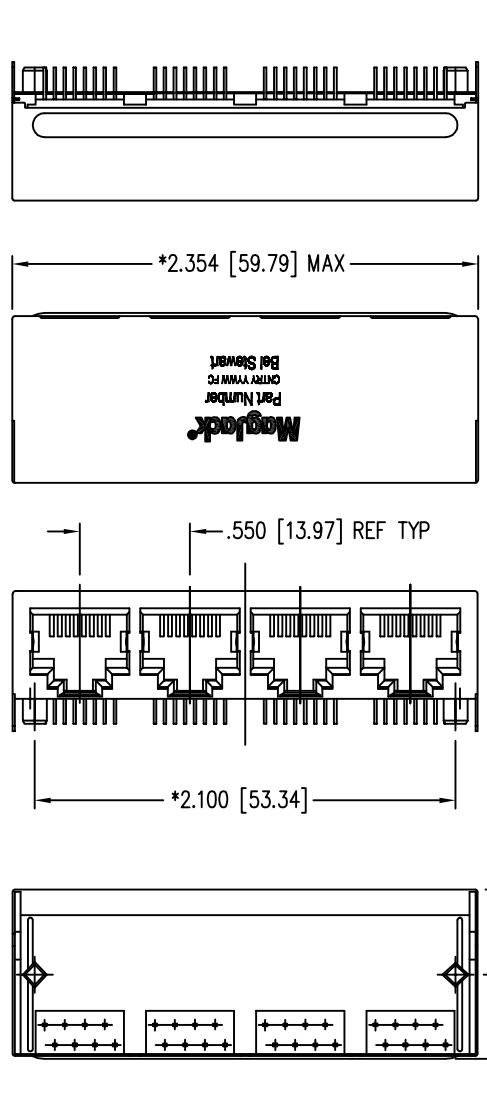
<http://www.stewartconnector.com>

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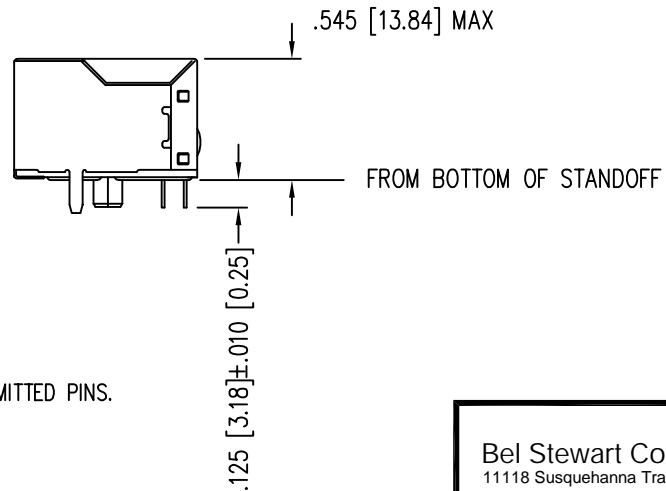
SHEET
2 OF 3

DRAWING NO.

SI-60007 REV. 12



P.C.B. RECOMMENDED HOLE LAYOUT
 SEEN FROM COMPONENT SIDE
 TOLERANCE ± 0.003 [0.08] UNLESS OTHERWISE SPECIFIED



- NOTES:
- TOLERANCE COMPLY WITH F.C.C. DIMENSION REQUIREMENTS ALL OTHERS ± 0.005 [0.13] UNLESS OTHERWISE SPECIFIED.
 - DIMENSIONS SHOWN WITH "*" TO BE CENTRAL ABOUT CENTER LINE
 - PINS NOT ELECTRICALLY CONNECTED MAY BE OMITTED. SEE ELECTRICAL DRAWING FOR OMITTED PINS.
 - 50 MICRO-INCH SELECTIVE GOLD PLATING

CT660007/24-0004/01

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SHEET 3 OF 3	DRAWING NO. SI-60007	REV. 04
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