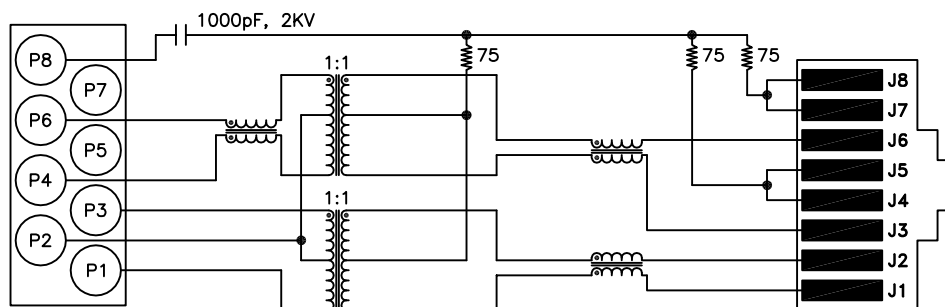
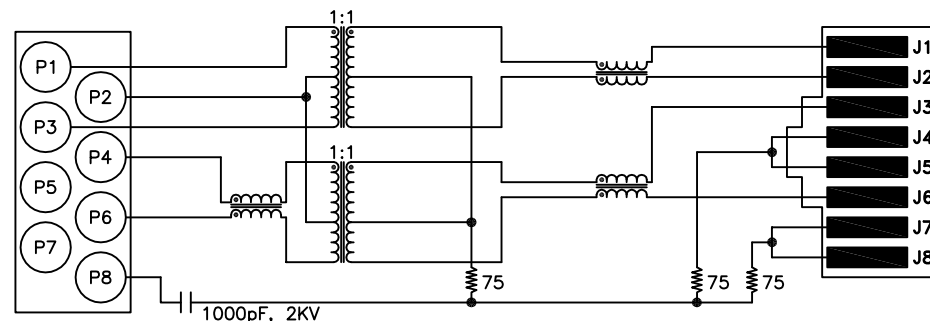


LOWER ROW



UPPER ROW



ELECTRICAL SPECIFICATIONS:

1.0 TURNS RATIO: $(P1-P2-P3) : (J1-J2)$: 1CT : 1 $\pm 3\%$
 $(P4-P2-P6) : (J3-J6)$: 1CT : 1 $\pm 3\%$

2.0 INDUCTANCE: $(P6-P4)$: 350uH MIN. @ 0.1V, 100KHz, 8mA DC Bias
 $(P3-P1)$: 350uH MIN. @ 0.1V, 100KHz, 8mA DC Bias

3.0 LEAKAGE INDUCTANCE: $P6-P4$ (WITH $J6$ AND $J3$ SHORT) : 0.3uH MAX. @ 1MHz
 $P3-P1$ (WITH $J2$ AND $J1$ SHORT) : 0.3uH MAX. @ 1MHz

4.0 INTERWINDING CAPACITANCE: $(P6, P2, P4)$ TO $(J6, J3)$: 60pf MAX. @ 1MHz
 $(P3, P2, P1)$ TO $(J2, J1)$: 60pf MAX. @ 1MHz

5.0 DC RESISTANCE: $(J6-J3)=(J1-J2)$: 1.2 ohms Max.
 $(P6-P4)$: 1.2 ohms Max.
 $(P3-P1)$: 0.7 ohms Max.

NOTES:

1.0 PINS WITHOUT ELECTRICAL CONNECTION ARE OMITTED.

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 Glen Rock, Pa 17327-9199
 717.234.7512

MagJack

<http://www.stewartconnector.com>

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RECEIVE

6.0 RETURN LOSS: 1MHz TO 30MHz 60MHz TO 80MHz	: 18dB MIN. : 12dB MIN.
7.0 DIELECTRIC WITHSTAND: (J1, J2) TO (P1, P2) (J3, J6) TO (P3, P6)	: 1500 VAC : 1500 VAC
8.0 INSERTION LOSS: RS=RL=100 ohms 100KHz TO 100MHz	: 1.1 dB TYP
9.0 RISE TIME: RS=100 OHMS AND RL = 100 OHMS OUTPUT VOLTAGE = 1 V peak PULSE WIDTH= 112nS	: 3.0 nS MAX : 3.0 nS MAX
10.0 CROSS TALK: 1MHz TO 100MHz	: 40 dB TYP
11.0 COMMON TO COMMON MODE ATTENUATION: 1MHz TO 100MHz	: 45 dB TYP

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SHEET
2 OF 4

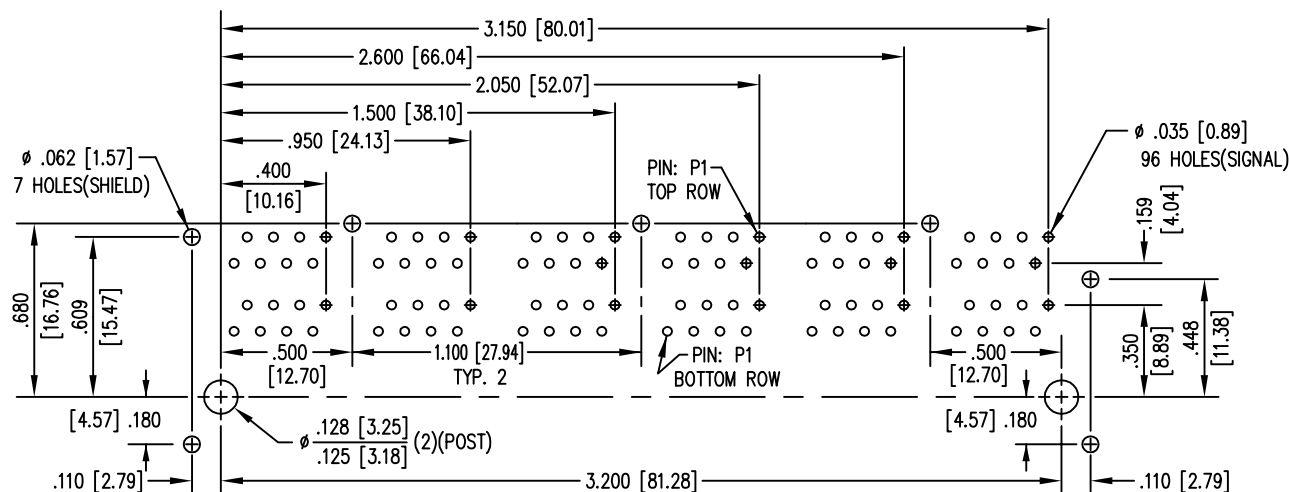
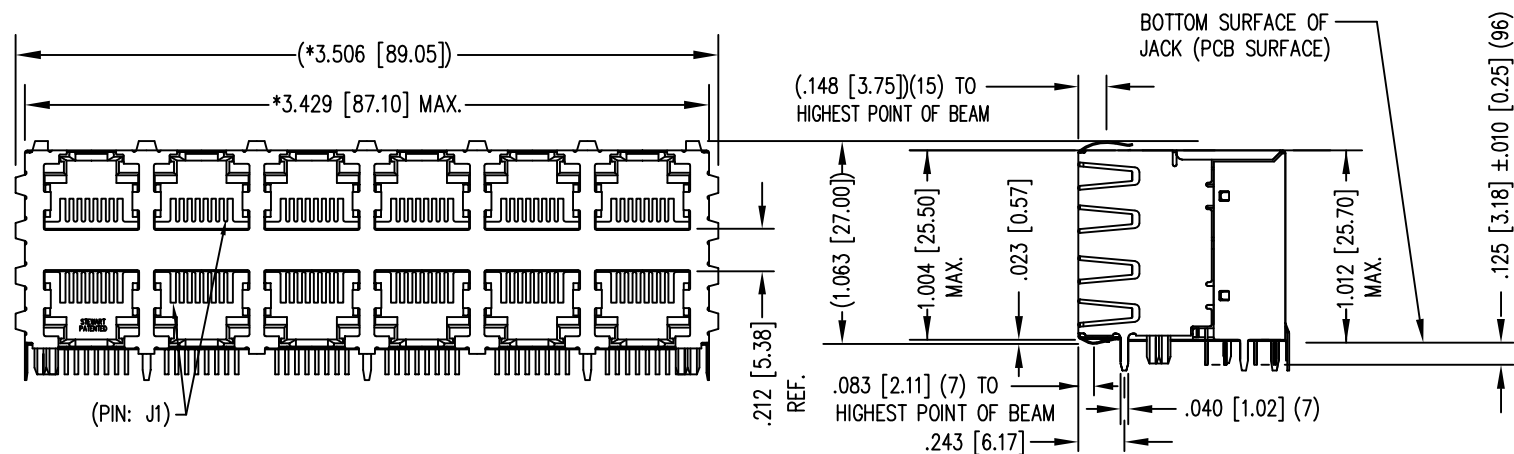
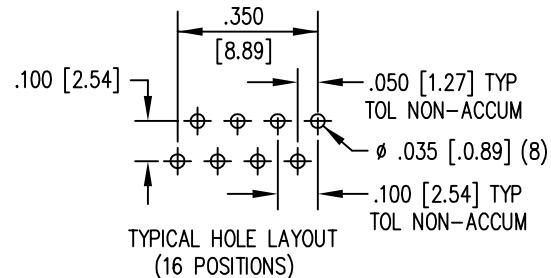
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MagJack®
Part Number
ENTRY YYYW PC
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1.103 [28.02] MAX.



NOTES:

- TOLERANCES COMPLY WITH F.C.C. DIMENSION REQUIREMENTS.
- DIMENSIONS SHOWN WITH "*" TO BE CENTRAL ABOUT CENTER LINE.
- DIMENSIONS SHOWN ARE SUBJECT TO CHANGE WITHOUT NOTICE.
- PIN NOT ELECTRICALLY CONNECTED MAYBE OMITTED.
- SEE ELECTRICAL DRAWING FOR OMITTED PINS.
- ALL SHIELDS NICKEL PLATE FINISH.
- STANDARD 50 MICRO-INCH SELECTIVE GOLD PLATING

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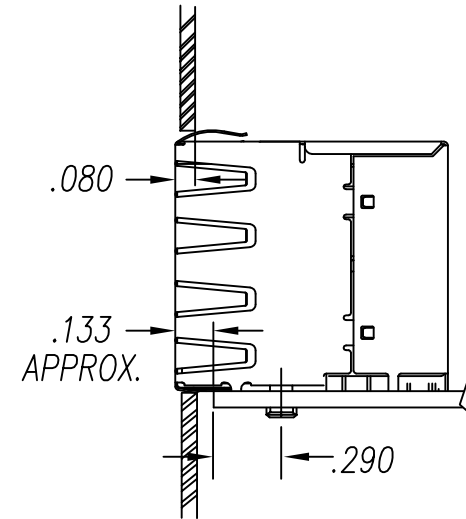
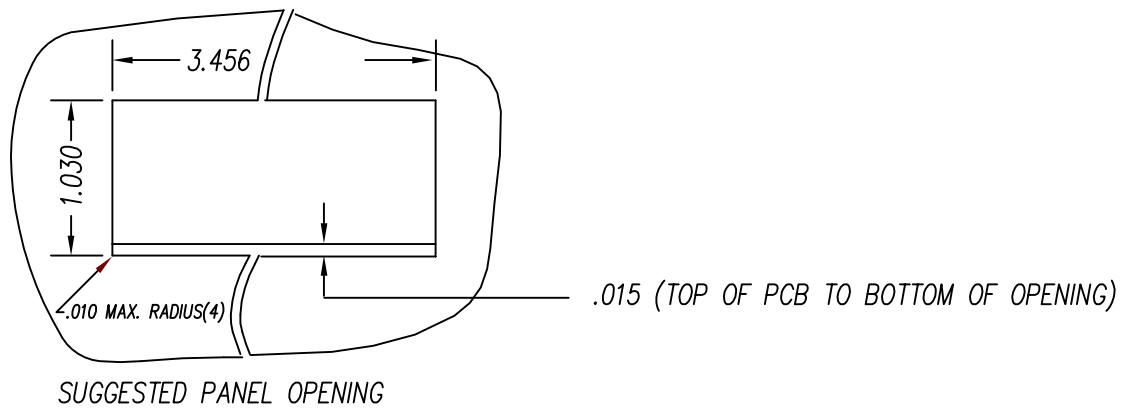
<http://www.stewartconnector.com>

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DRAWING NO.

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