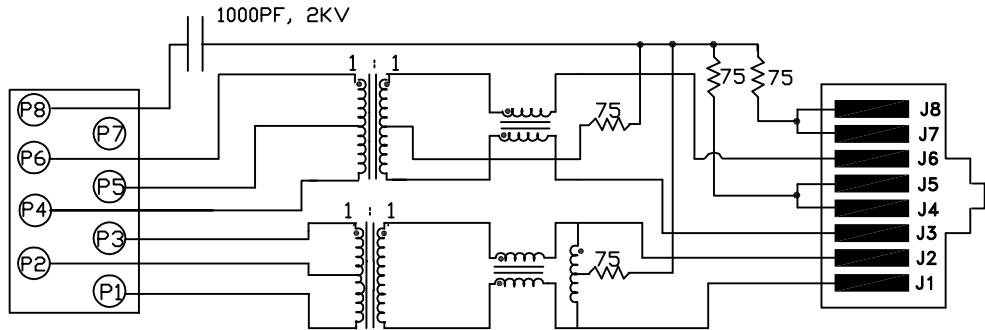
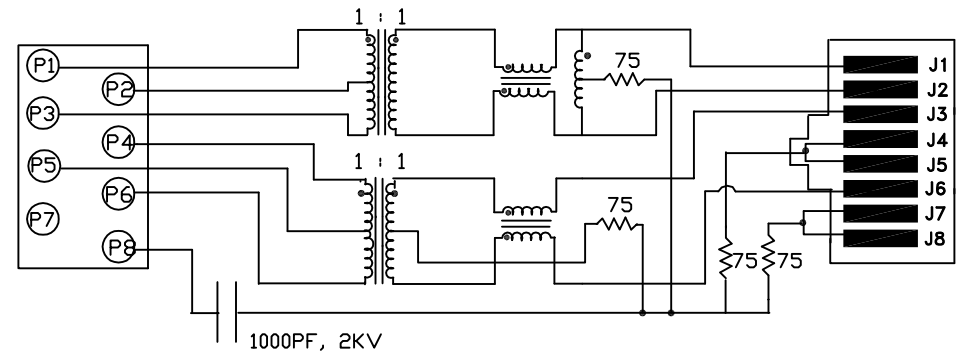


LOWER ROW



UPPER ROW



ELECTRICAL SPECIFICATIONS:

- 1.0 TURNS RATIO: $(P1-P2-P3) : (J1-J2)$: 1CT : $1 \pm 3\%$
 $(P4-P5-P6) : (J3-J6)$: 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: $(P6,P5,P4)$ TO $(J6,J3)$: 30pf TYP @ 1MHZ
 $(P3,P2,P1)$ TO $(J2,J1)$: 30pf TYP @ 1MHZ
- 5.0 DC RESISTANCE: $(J6-J3)=(J1-J2)$: 1.2 ohms Max.
 $(P6-P4)$: .7 ohms Max.
 $(P3-P1)$: .7 ohms Max.

NOTES

1.0 PINS WITHOUT ELECTRICAL CONNECTION ARE OMITTED.

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MagJack

<http://www.stewartconnector.com>

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RECEIVE

- 6.0 RETURN LOSS: 1MHz TO 30MHz : 18dB MIN.
60MHz TO 80MHz : 12dB MIN.
- 7.0 DIELECTRIC WITHSTAND: (J1, J2) TO (P1, P2) : 1500 VAC
(J3, J6) TO (P3,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 TYP
OUTPUT VOLTAGE = 1 V peak : 3.0 nS TYP
PULSE WIDTH= 112nS
- 10.0 CROSS TALK: 1MHz TO 100MHz : 40 dB TYP
- 11.0 COMMON TO COMMON MODE ATTENUATION: 1MHz TO 100MHz : 35dB TYP

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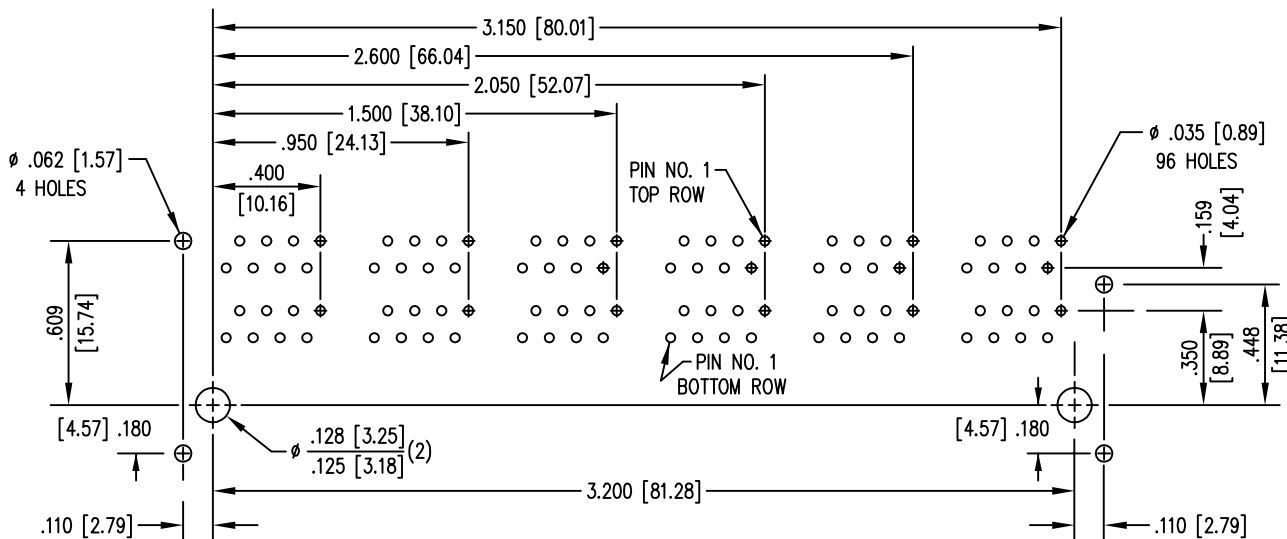
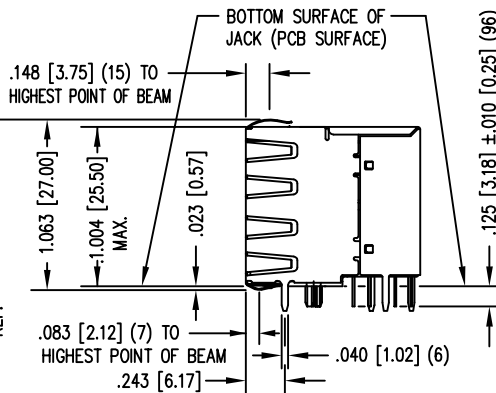
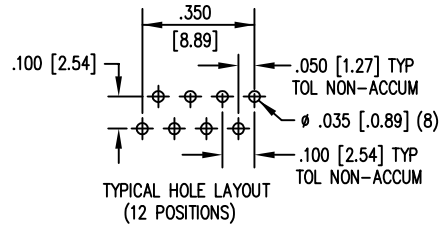
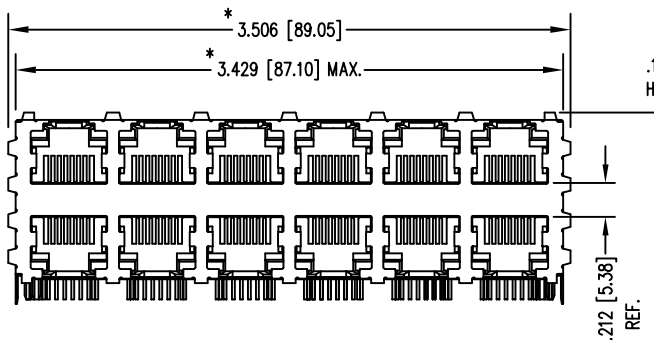
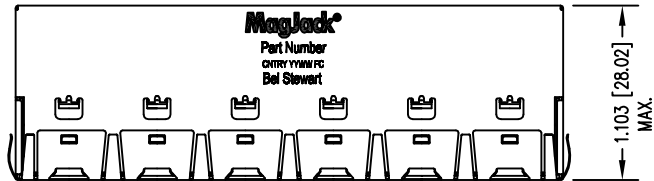
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01



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

TN000399X0/24-002402

NOTES:

- TOLERANCES COMPLY WITH F.C.C. DIMENSION REQUIREMENTS.
- DIMENSIONS SHOWN WITH "*" TO BE CENTRAL ABOUT THE CENTER LINE.
- PINS NOT ELECTRICALLY CONNECTED MAYBE OMITTED. SEE ELECTRICAL DRAWING FOR OMITTED PINS.
- STANDARD 50 MICRO-INCH SELECTIVE GOLD PLATING.
- ALL POLYMERS FLAMMABILITY - UL94V0
- WAVE SOLDER COMPATABLE - PREHEAT 125°C/90 SECS MAX.

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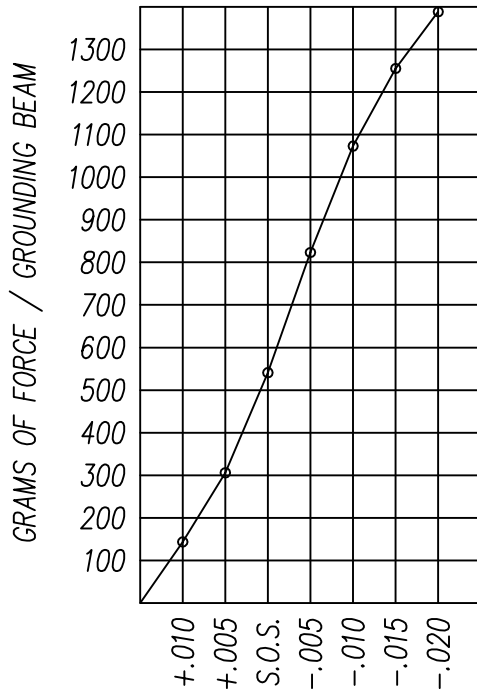
<http://www.stewartconnector.com>

SHEET
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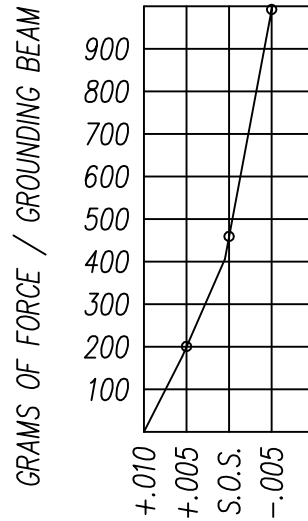
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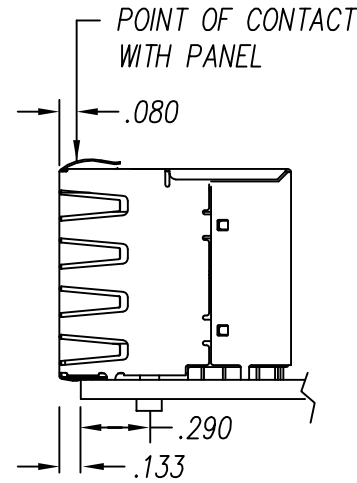
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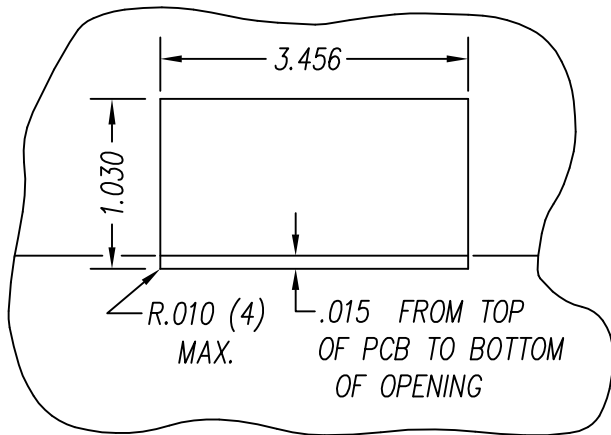
PANEL GROUNDING BEAM DEFLECTION
TOP AND SIDE BEAMS
S.O.S. = SUGGESTED OPENING SIZE



PANEL GROUNDING BEAM DEFLECTION
BOTTOM BEAMS ONLY
S.O.S. = SUGGESTED OPENING SIZE



THE SUGGESTED PANEL OPENING IS INTENDED TO GIVE THE USER THE ABILITY TO HAVE REASONABLE JACK / PANEL CLEARANCES YET MAINTAIN RELIABLE GROUNDING CAPABILITY. THESE VARIABLES CAN BE ADJUSTED IN EITHER DIRECTION BUT MAY CARRY SOME CONSEQUENCES IN THE FORM OF LOWER MATING FORCES OR TIGHTER ASSEMBLY TOLERANCES. FORCE VALUES ON THE GRAPH(S) ARE GENERAL AVERAGES TAKEN AT A POINT OF CONTACT SHOWN ABOVE. THE SUGGESTED PANEL OPENING INCLUDES APPROXIMATELY .020 CLEARANCE ON THE TOP AND SIDES, WITH .015 CLEARANCE ON THE BOTTOM.



SUGGESTED PANEL OPENING
(N.T.S.)

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