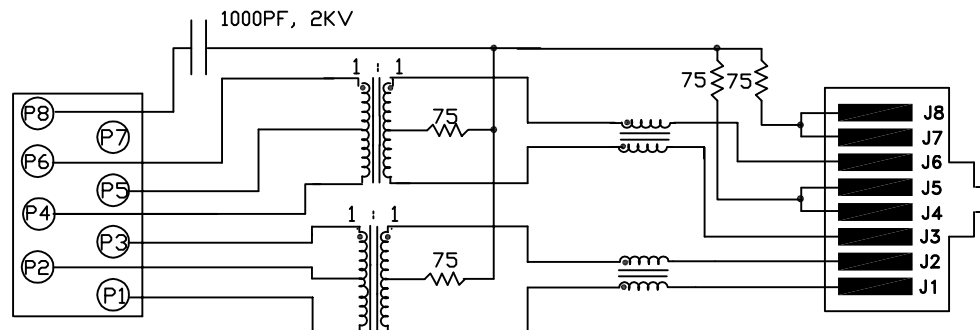
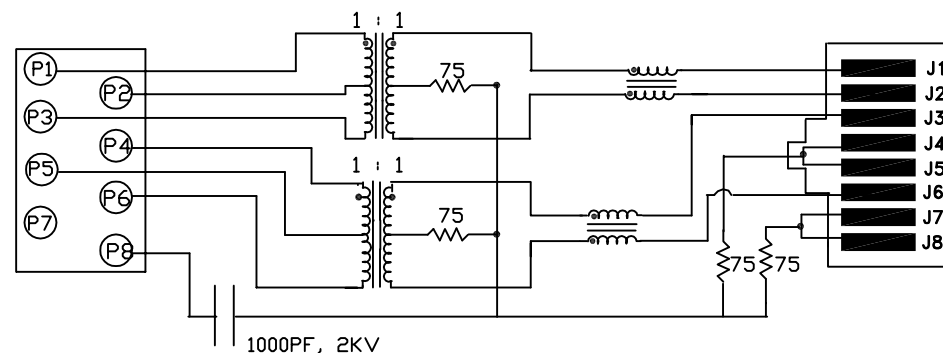


LOWER ROW



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 MAX @ 1MHz
 $(P3,P2,P1)$ TO $(J2,J1)$: 30pf MAX @ 1MHz
- 5.0 DC RESISTANCE: $(J6-J3)=(J1-J2)$: 1.2 ohms Max.
 $(P6-P4)$: .7 ohms Max.
 $(P3-P1)$: .7 ohms Max.

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 Glen Rock, Pa 17327-9199
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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 TYP : 3.0 nS TYP
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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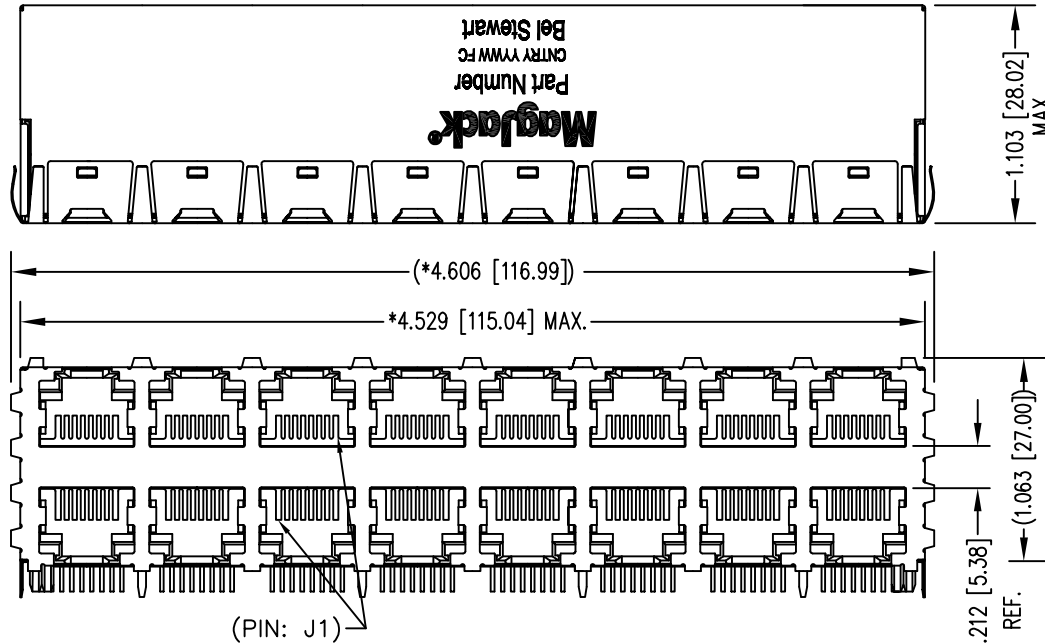
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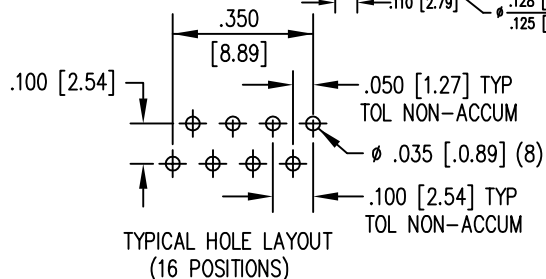
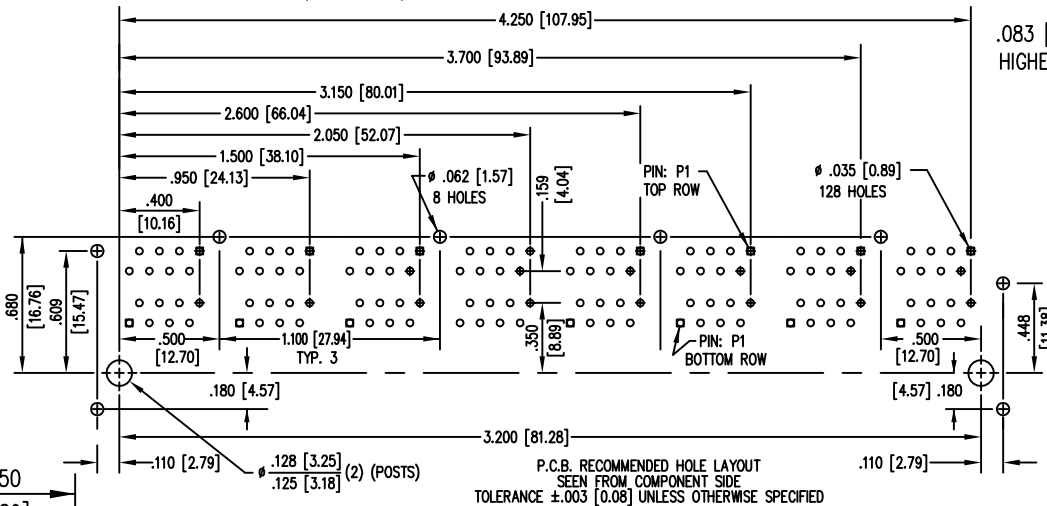
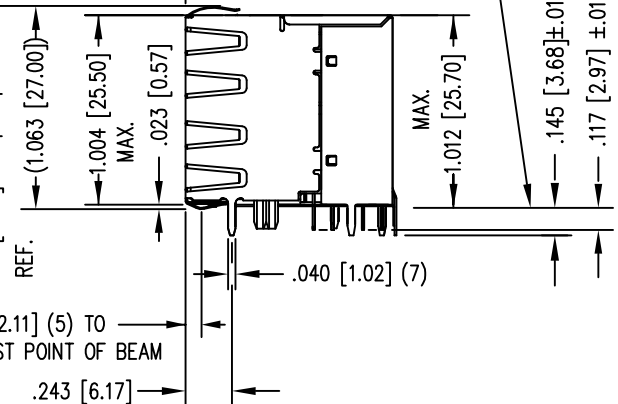
REV.
03

16 PORTS (8 OVER 8) STACKED JACK

MagJack®
Part Number
C817Y YWW FC
Bel Stewart



BOTTOM SURFACE OF
JACK (PCB SURFACE)
(.148 [3.75])(15) TO
HIGHEST POINT OF BEAM



MI30003X3/24-0182

NOTES:

1. 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.
2. PIN NOT ELECTRICALLY CONNECTED MAYBE OMITTED.
SEE ELECTRICAL DRAWING FOR OMITTED PINS.
3. TOLERANCES COMPLY WITH F.C.C. DIMENSION REQUIREMENTS.
4. THE SUGGESTED PANEL OPENING IS INTENDED TO GIVE
USER THE ABILITY TO HAVE REASONABLE JACK/PANEL
CLEARANCES, YET MAINTAIN GROUNDING CAPABILITY.
5. WAVE SOLDER COMPATIBLE - PREHEAT 125°C/90SECS.

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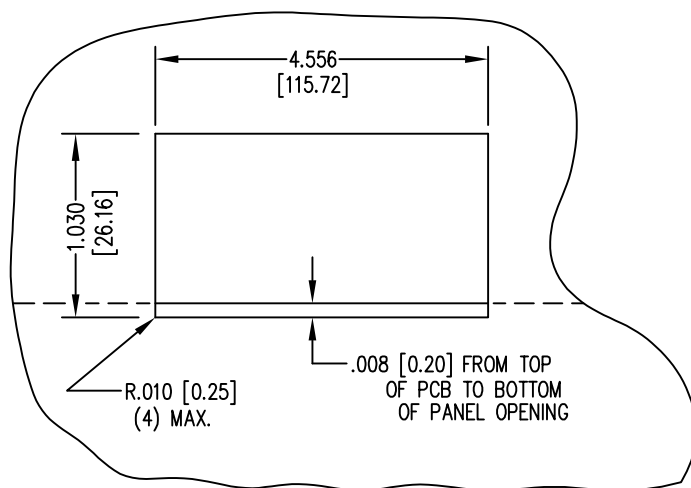
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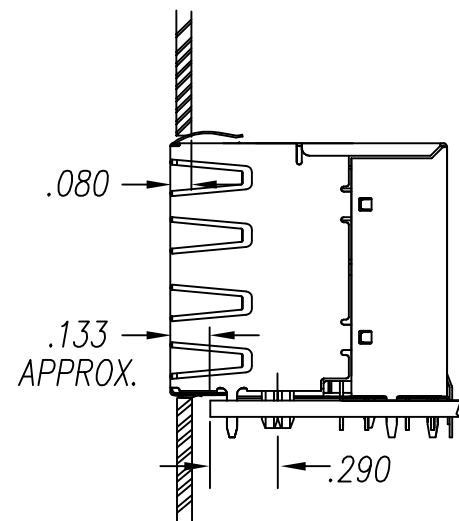
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SUGGESTED PANEL OPENING



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