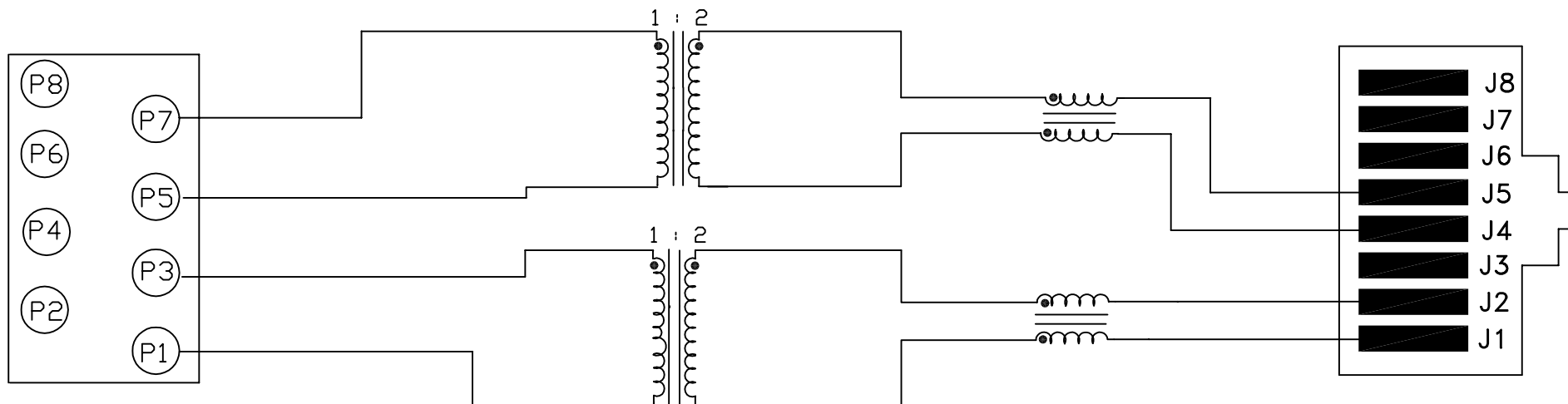


TOP VIEW



ELECTRICAL SPECIFICATIONS:

- 1.0 TURNS RATIO: $(P3-P1) : (J2-J1)$: $1 : 2 \pm 3\%$
 $(P7-P5) : (J5-J4)$: $1 : 2 \pm 3\%$
- 2.0 INDUCTANCE: $(P3-P1) ; (P7-P5)$: 1.2mH MIN. @ 0.1V, 100KHz
- 3.0 LEAKAGE INDUCTANCE: $P3-P1$ (WITH J2 AND J1 SHORT) : 0.5uH MAX. @ 1MHz
 $P7-P5$ (WITH J5 AND J4 SHORT) : 0.5uH MAX. @ 1MHz
- 4.0 INTERWINDING CAPACITANCE: $(P3,P1)$ TO $(J2,J1)$: 35pf MAX @ 1MHz
 $(P7,P5)$ TO $(J5,J4)$: 35pf MAX. @ 1MHz
- 5.0 COMMON MODE ATTENUATION : : -20dB TYP @ 5MHz TO 100MHz
- 6.0 HIPOT $(P7-P5)$ TO $(J5-J4)$: 1500VAC
 $(P3-P1)$ TO $(J2-J1)$: 1500VAC
- 7.0 RETURN LOSS : $(J1-J2 \text{ \& } J4-J5)$ 100 OHM REF.
51KHz TO 102KHz : 12dB MIN
102KHz TO 2.048MHz : 18dB MIN
2.048MHz TO 3.072MHz : 14dB MIN
- NOTE ; 25 OHMS CONNECTED TO PINS P1-P3 & P5-P7.
- 8.0 DC RESISTANCE: $(P7-P5) ; (P3-P1)$: .8 ohms Max.

NOTES

1.0 PINS WITHOUT ELECTRICAL CONNECTION ARE OMITTED.

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MagJack®

<http://www.stewartconnector.com>

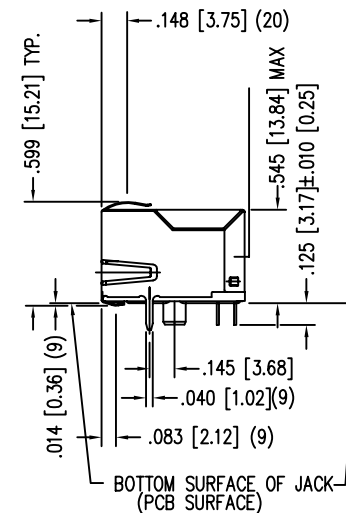
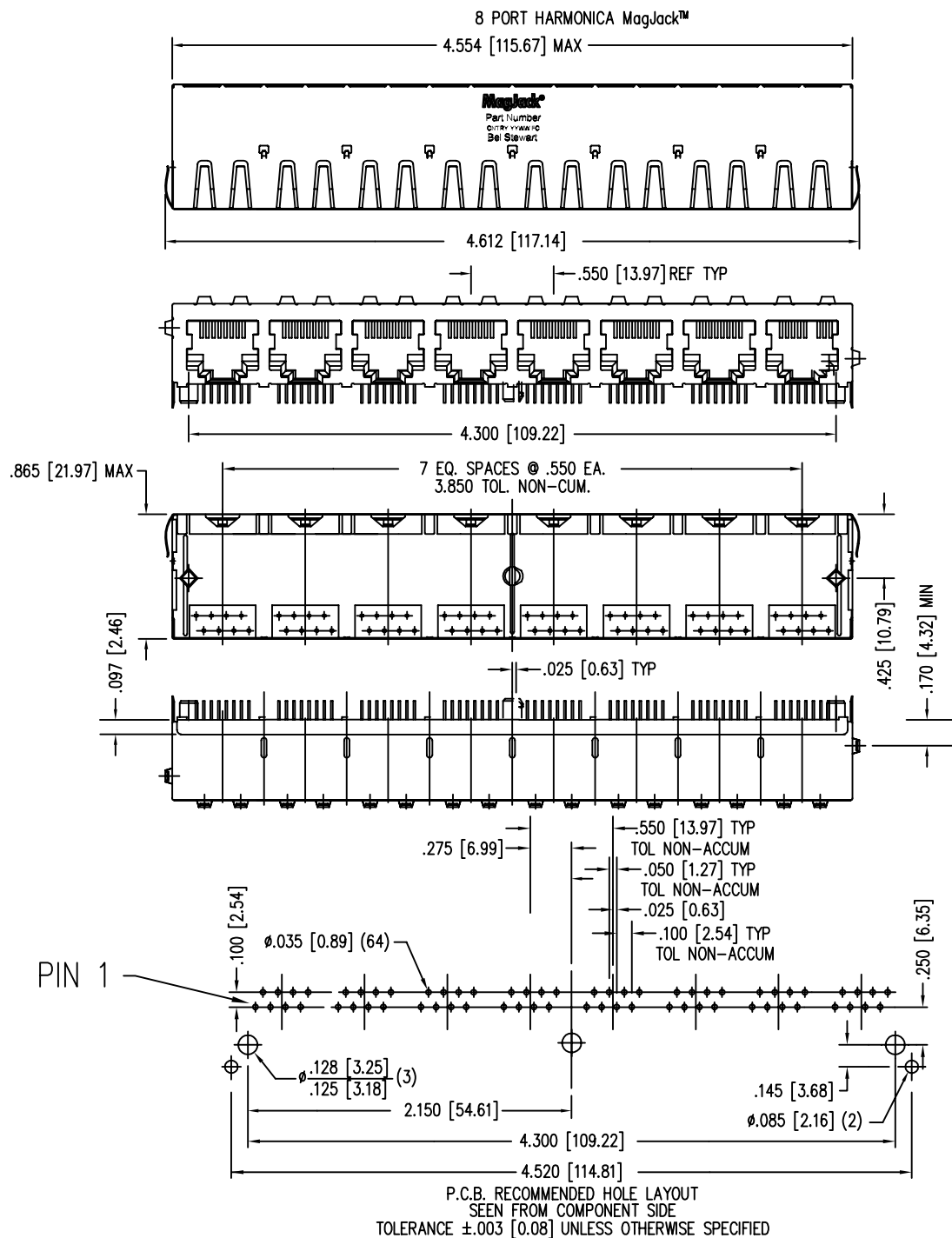
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NOTES:

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. ALL TOLERANCES NOT OTHERWISE SPECIFIED TO BE ±.005 [0.13]
5. WAVE SOLDER COMPATIBLE - PREHEAT 125°C/90SECS.

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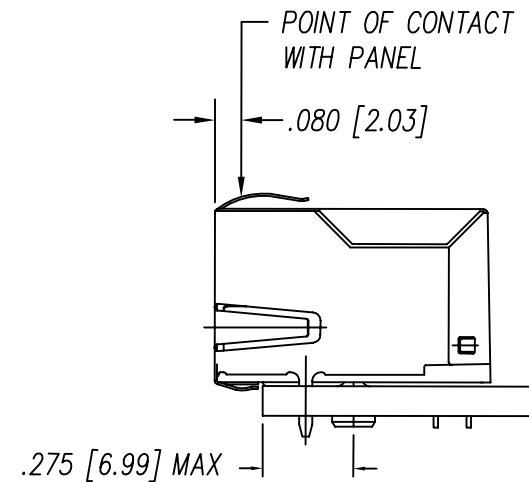
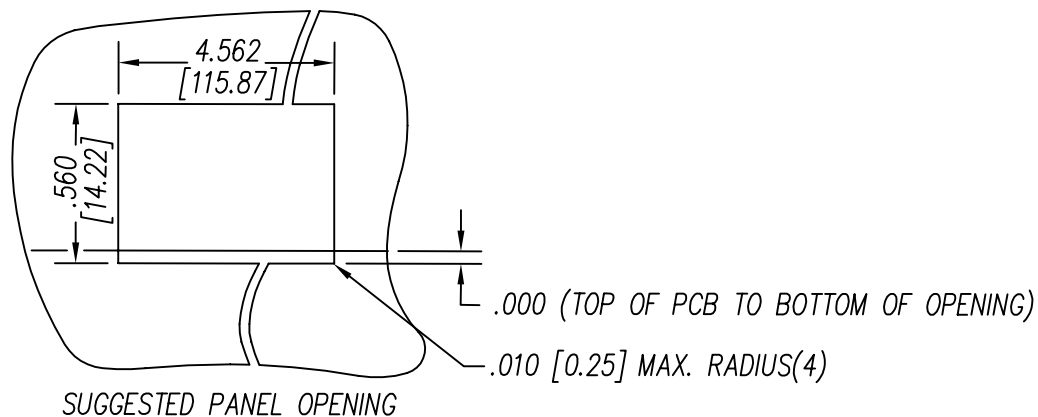
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1. THE SUGGESTED PANEL OPENING IS INTENDED TO GIVE THE USER THE ABILITY TO HAVE REASONABLE JACK / PANEL CLEARANCES YET MAINTAIN RELIABLE GROUNDING CAPABILITY.
2. ALL TOLERANCES NOT OTHERWISE SPECIFIED TO BE ± 0.005 [0.13]

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