

Excellent Integrated System Limited

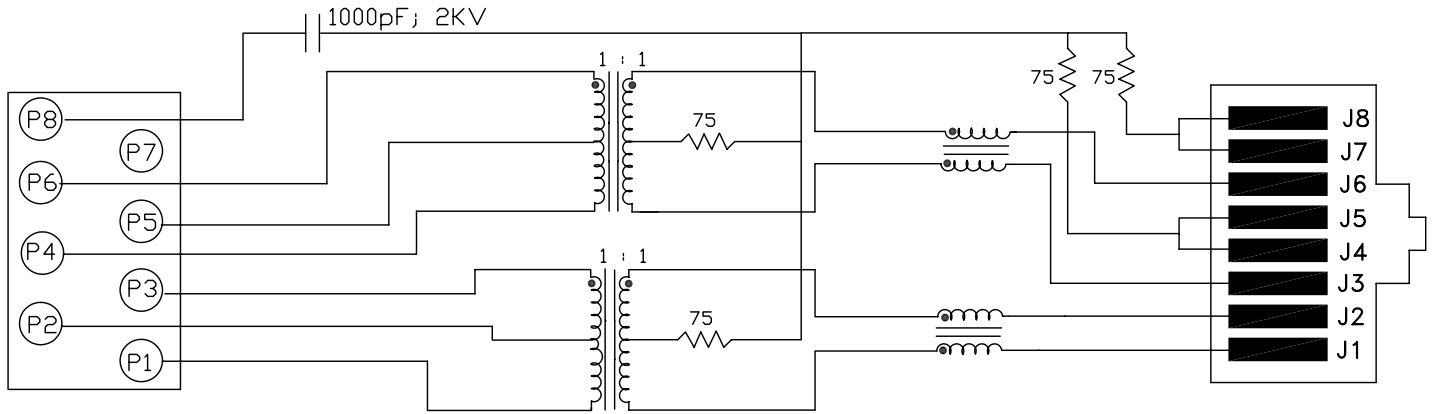
Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Bel Fuse Inc.](#)
[SI-60115-F](#)

For any questions, you can email us directly:

sales@integrated-circuit.com



ELECTRICAL SPECIFICATIONS:

- | | |
|--|--|
| 1.0 TURNS RATIO: (P6-P5-P4) : (J6-J3)
(P3-P2-P1) : (J2-J1) | : 1CT : 1CT± 3%
: 1CT : 1CT ± 3% |
| 2.0 INDUCTANCE: (P6-P4)
(P3-P1) | : 350uH MIN. @ 0.1V, 100KHz, 8mA DC Bias
: 350uH MIN. @ 0.1V, 100KHz, 8mA DC Bias |
| 3.0 LEAKAGE INDUCTANCE: P6-P4 (WITH J6 AND J3 SHORT)
P3-P1 (WITH J2 AND J1 SHORT) | : 0.3 MAX. @ 1MHz
: 0.3 MAX. @ 1MHz |
| 4.0 INTERWINDING CAPACITANCE: (P6,P5,P4) TO (J6,J3)
(P3,P2,P1) TO (J2,J1) | : 30pf MAX @ 1MHz
: 30pf MAX. @ 1MHz |
| 5.0 DC RESISTANCE: (J6-J3)=(J2-J1) | : 1.2 ohms Max. |

NOTES

1.0 PINS WITHOUT ELECTRICAL CONNECTION ARE OMITTED.



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 1 OF 4

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REV. 17

RECEIVE

- 6.0 RETURN LOSS: 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

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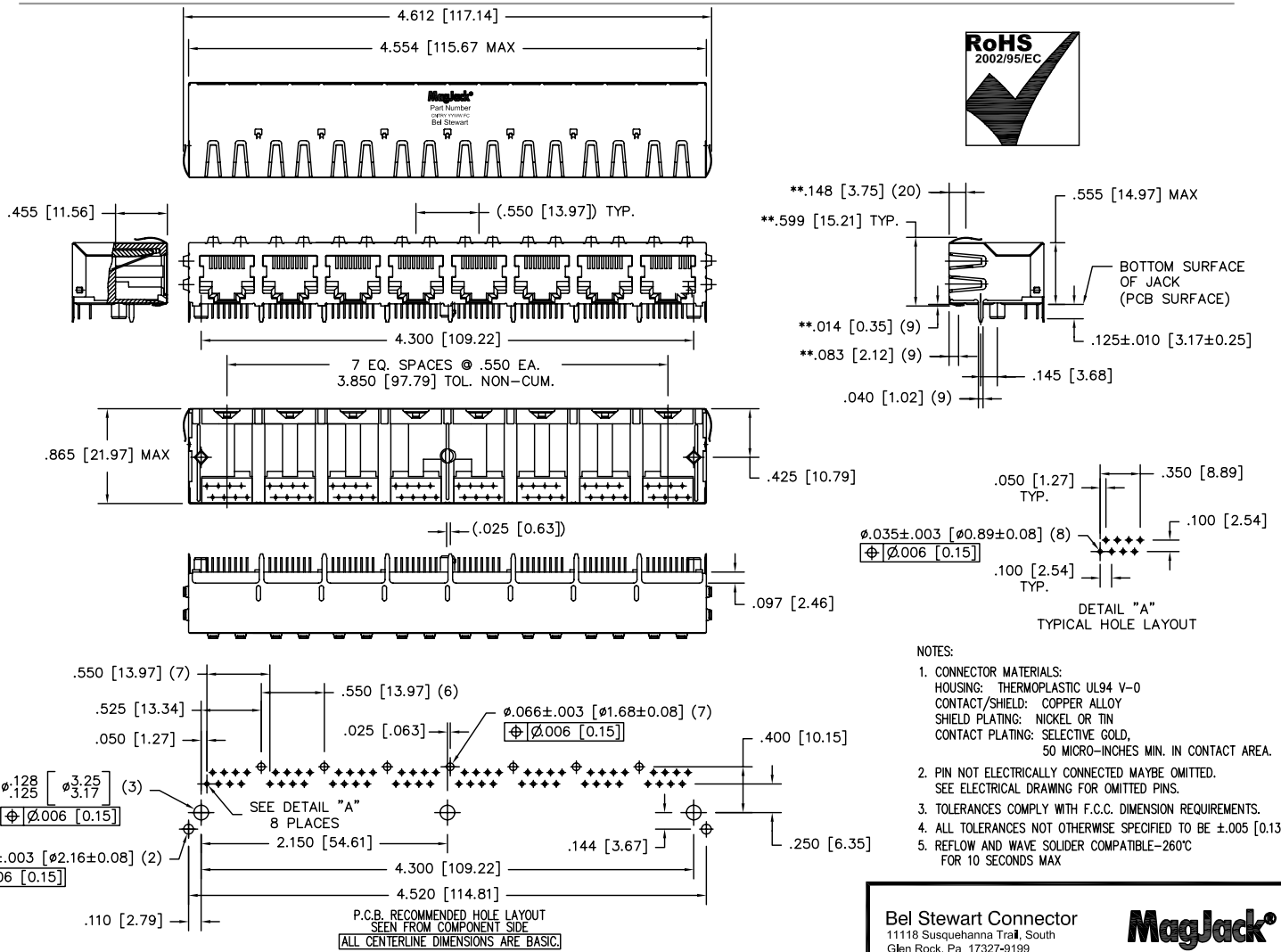
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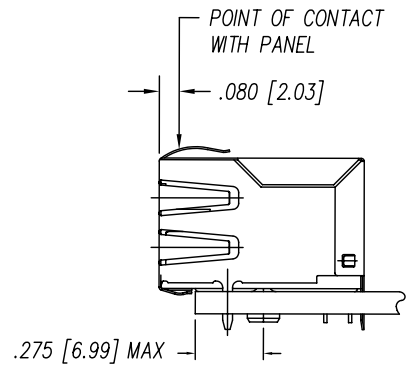
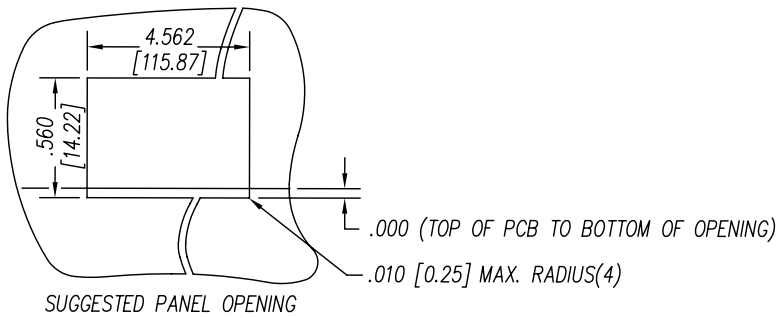


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1. THE SUGGESTED PANEL OPENING IS INTENDED TO GIVE THE USER THE ABILITY TO HAVE REASONABLE JACK / PANEL CLEARANCES YET MAINTAIN RELIABLE GROUNDING CAPABILITY.
2. ALL TOLERANCES NOT OTHERWISE SPECIFIED TO BE ± 0.005 [0.13]

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