



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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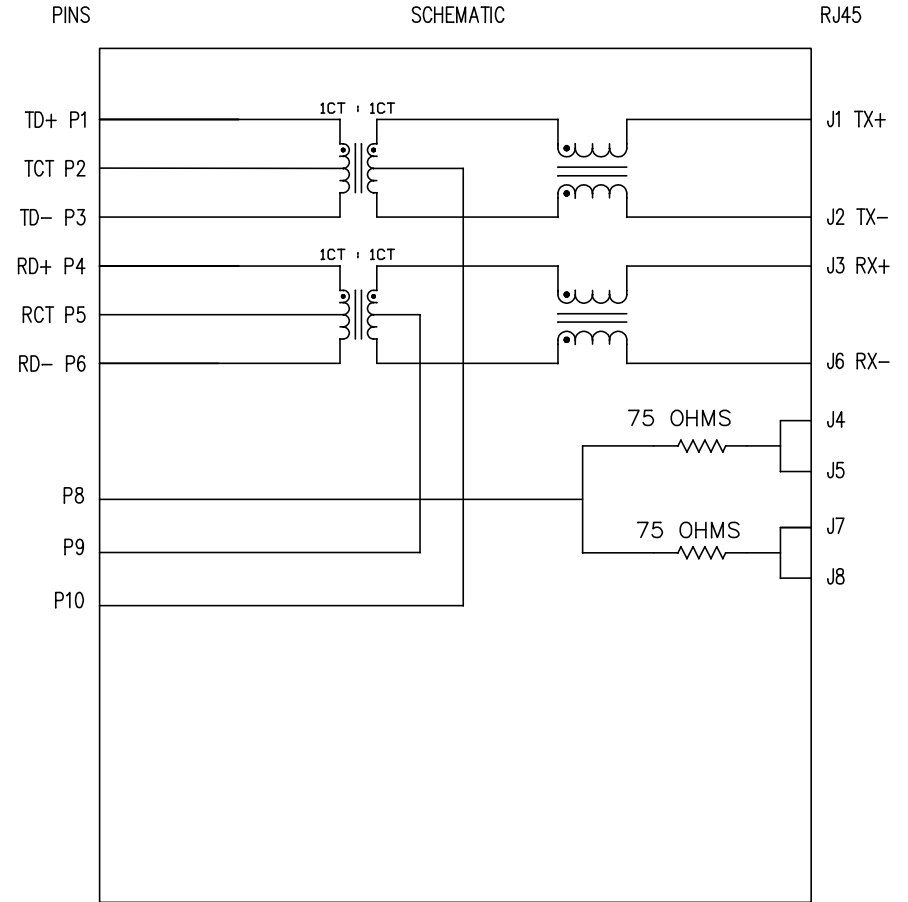
PRELIMINARY



ELECTRICAL CHARACTERISTICS @ 25°C

- 1.0 INDUCTANCE:
 - (P6-P4) : 350uH MIN. @ 0.1V, 100KHz, 8mA DC BIAS
 - (P3-P1) : 350uH MIN. @ 0.1V, 100KHz, 8mA DC BIAS
- 2.0 TURNS RATIO:
 - (P6-P5-P4):(J6-J3) : 1CT : 1CT ± 3%
 - (P3-P2-P1):(J2-J1) : 1CT : 1CT ± 3%
- 3.0 LEAKAGE INDUCTANCE:
 - (P6-P4) WITH J6-J3 SHORT : 0.3uH MAX. @1MHZ
 - (P3-P1) WITH J2-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) : 1.2 OHMS MAX.
 - (J2-J1) : 1.2 OHMS MAX.
- 6.0 RETURN LOSS: (P6-P4)=100 OHMS AND (P1-P3)=100 OHM REF.
 - 1MHz TO 30MHz : 18dB MIN.
 - 60MHz TO 80MHz : 12dB MIN.

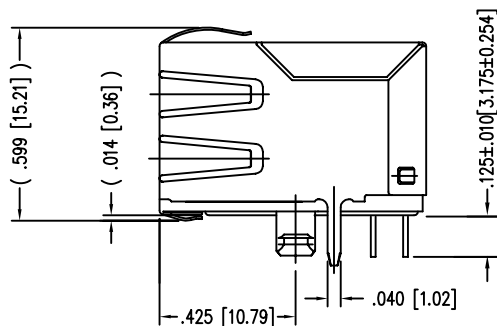
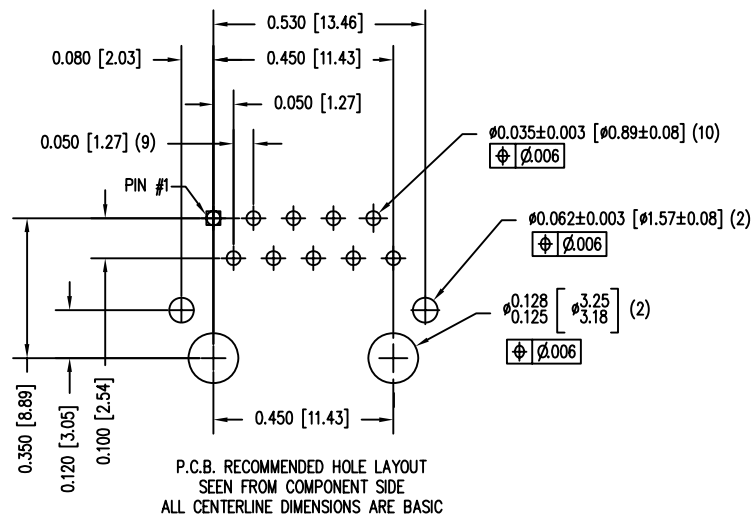
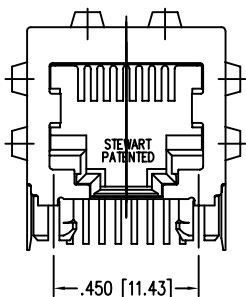
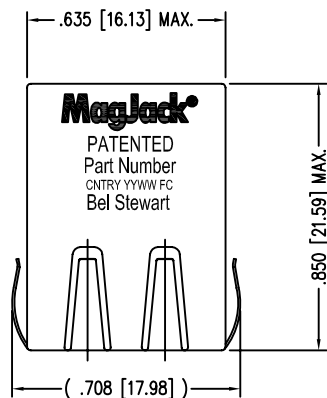
NOTE: 100 OHMS CONNECTED TO (J2-J1) OR (J6-J3).
- 7.0 DIELECTRIC WITHSTAND:
 - (J1, J2) TO (P1, P3) : 1500 VAC
 - (J3, J6) TO (P4,P6) : 1500 VAC
- 8.0 INSERTION LOSS: RS=RL=100 ohms
 - 100KHz TO 100MHz : 1.1 dB TYP
- 9.0 RISE TIME: RS=100 OHMS AND RL = 100 OHMS
 - OUTPUT VOLTAGE = 1 V peak : 3.0 nS MAX
 - PULSE WIDTH= 112nS : 3.0 nS MAX
- 10. CROSS TALK:
 - 1MHz TO 100MHz : 40 dB TYP
- 11.0 COMMON TO COMMON MODE ATTENUATION:
 - 30MHz TO 100MHz : 35dB TYP
- 12.0 CURRENT CAPABILITY: : 350mA MAX.



NOTE: PINS WITHOUT ELECTRICAL CONNECTION ARE OMITTED

ORIGINATED BY RS ZHANG	DATE 03-25-10	TITLE MagJack® 10/100BT TAB DOWN, SHIELDED PATENTED	PART NO. / DRAWING NO. SI-62004-F	STANDARD DIM. TOL. IN INCH .X .XX .XXX	[] METRIC DIM. AS REFERENCE UNIT : INCH [mm] SCALE : N/A 	REV. : X0 SIZE : A4 PAGE : 2	bel COMPONENTS FOR A CONNECTED PLANET
DRAWN BY RS ZHANG	DATE 03-25-10		FILE NAME SI-62004-F.DWG	±0.005			

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NOTES:

- 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.
- PIN NOT ELECTRICALLY CONNECTED MAYBE OMITTED.
SEE ELECTRICAL DRAWING FOR OMITTED PINS.
- TOLERANCES COMPLY WITH F.C.C. DIMENSION REQUIREMENTS.
- ALL TOLERANCES NOT OTHERWISE SPECIFIED TO BE ± 0.005 [0.13]
- WAVE SOLDER COMPATIBLE - PREHEAT 125°C/90SECS.
HIGH TEMPERATURE REFLOW COMPATIBLE - 230°C/90 SEC MAX. CAPABILITY.

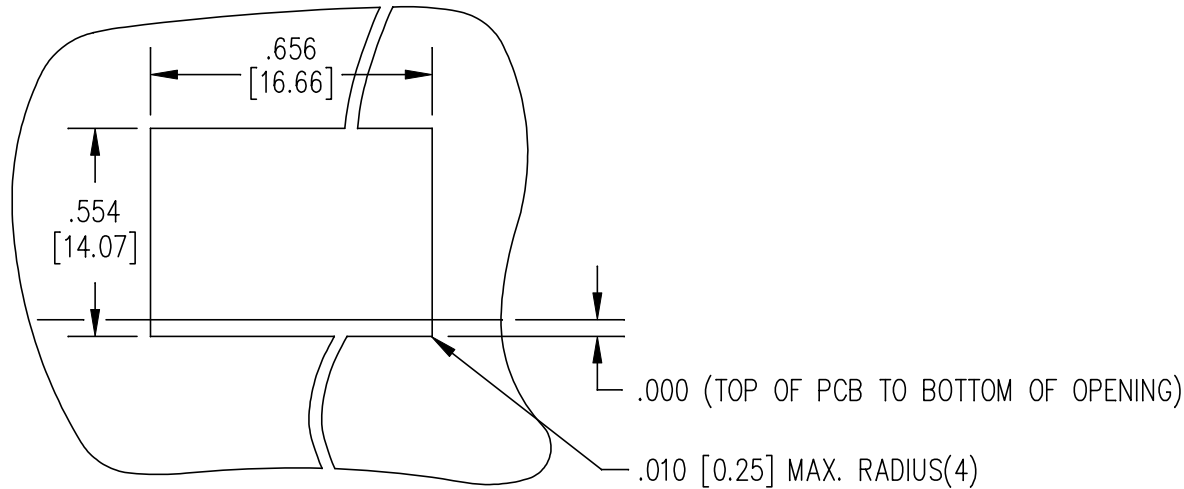
ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM. TOL. IN INCH	[] METRIC DIM. AS REFERENCE	 COMPONENTS FOR A CONNECTED PLANET	
RS ZHANG	03-25-10	MagJack® 10/100BT TAB DOWN, SHIELDED PATENTED	SI-62004-F	.X	UNIT : INCH [mm]		REV. : X0
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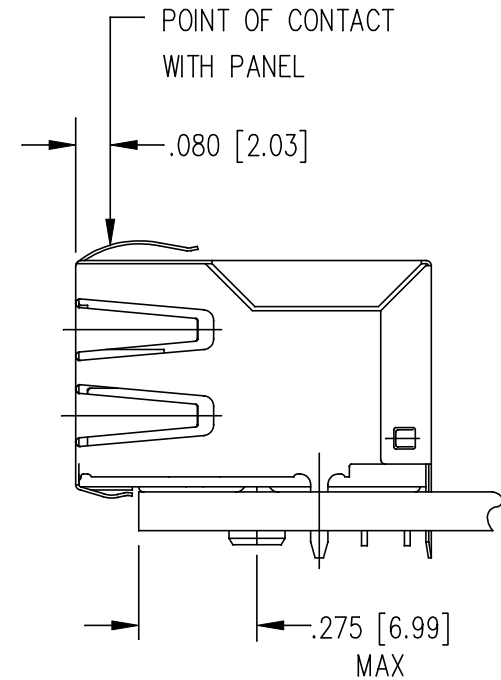
RoHS
2002/95/EC



PRELIMINARY



SUGGESTED PANEL OPENING



THE SUGGESTED PANEL OPENING IS INTENDED TO GIVE THE USER THE ABILITY TO HAVE REASONABLE JACK / PANEL CLEARANCES YET MAINTAIN RELIABLE GROUNDING CAPABILITY.

ORIGINATED BY RS ZHANG	DATE 03-25-10	TITLE MagJack® 10/100BT TAB DOWN, SHIELDED PATENTED	PART NO. / DRAWING NO. SI-62004-F	STANDARD DIM. TOL. IN INCH	[] METRIC DIM. AS REFERENCE		bel COMPONENTS FOR A CONNECTED PLANET
DRAWN BY RS ZHANG	DATE 03-25-10		FILE NAME SI-62004-F.DWG	.X .XX .XXX	UNIT : INCH [mm] SCALE : N/A 	REV. : X0 SIZE : A4 PAGE : 4	
				±0.005			