



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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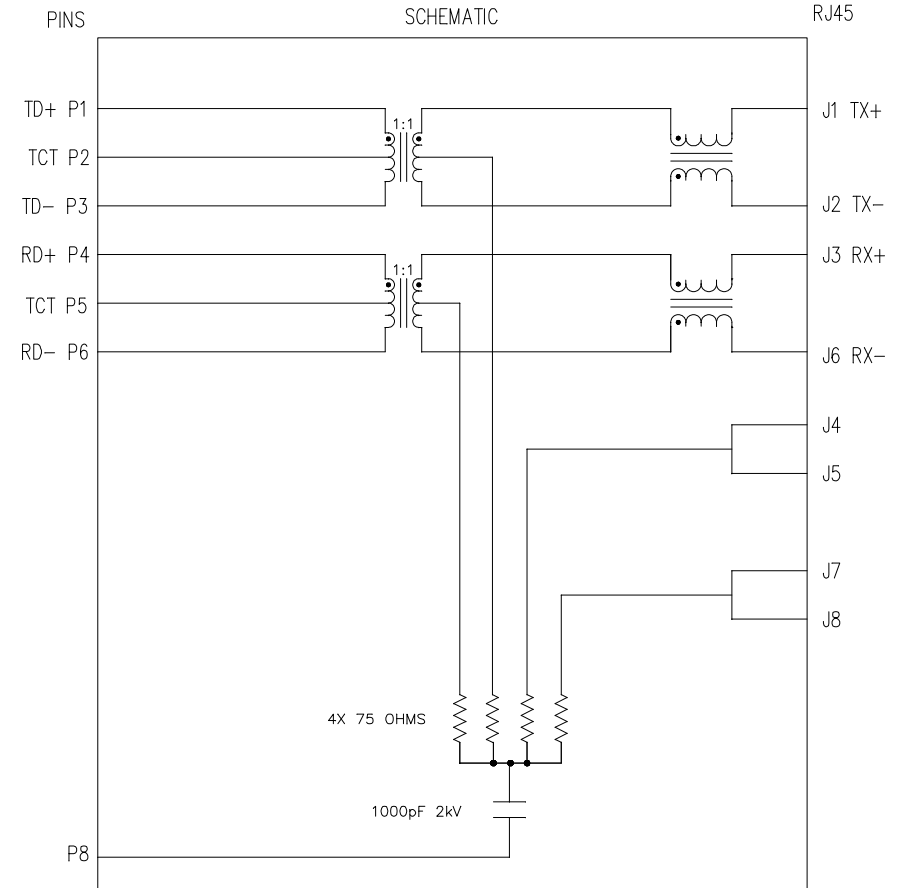
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RoHS
2002/95/EC



ELECTRICAL CHARACTERISTICS @ 25°C

- 1.0 TURNS RATIO:(P6-P5-P4) : (J6-J3) : 1CT : 1CT± 3%
(P3-P2-P1) : (J2-J1) : 1CT : 1CT ± 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) : 0.3 MAX. @ 1MHz
P3-P1 (WITH J2 AND J1 SHORT) : 0.3 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)=(J2-J1) : 1.2 ohms Max.
- RECEIVE
- 6.0 RETURN LOSS1MHz 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 Vrms
(J3, J6) TO (P4,P6) : 1500 Vrms
- 8.0 INSERTION LOSSRS=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
- 10.0CROSS TALK: 1MHz TO 100MHz : 40 dB TYP
- 11.0COMMON TO COMMON MODE ATTENUATION30MHz TO 100MHz : 35dB TYP



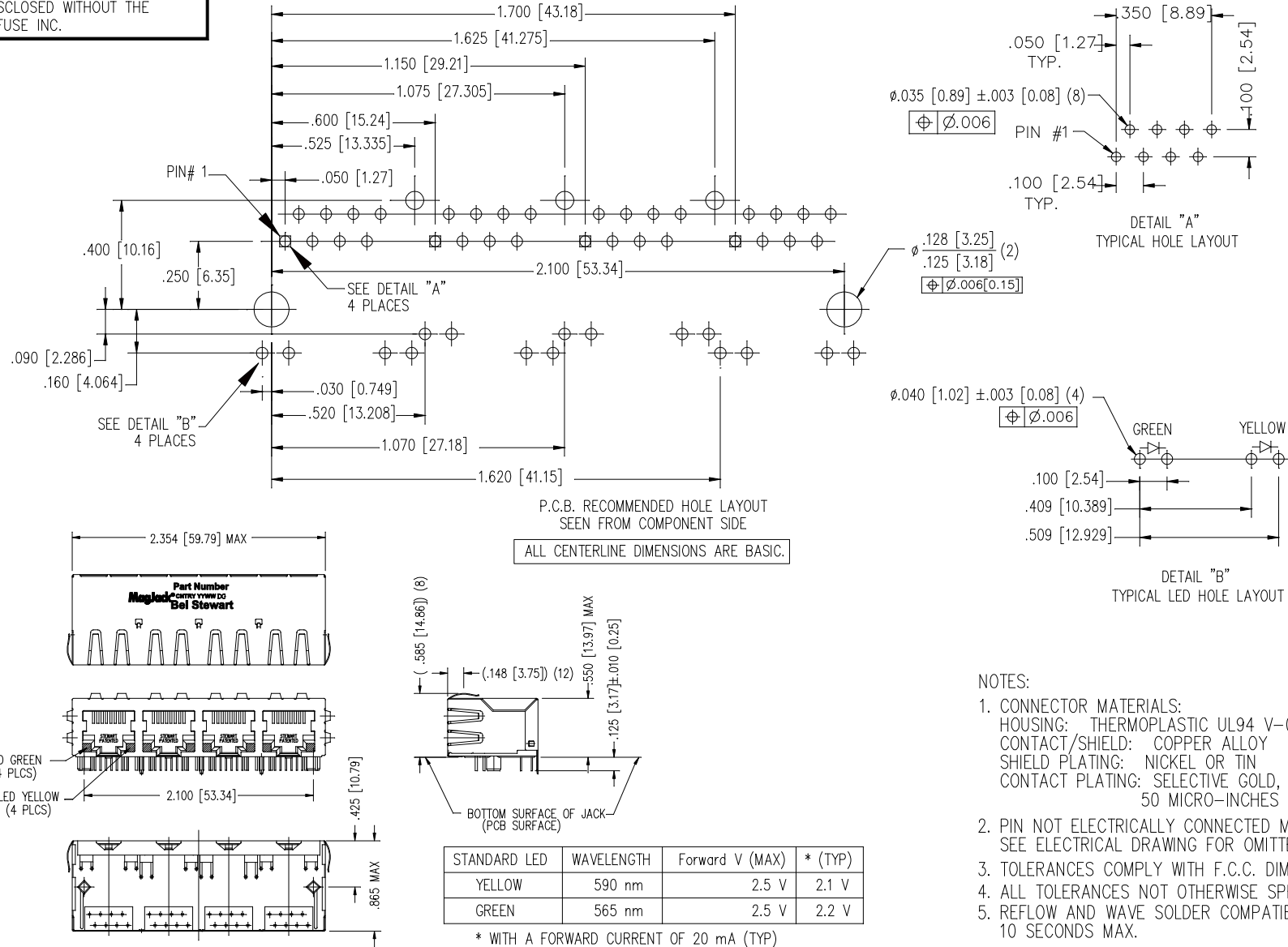
NOTES

1.0 PINS WITHOUT ELECTRICAL CONNECTION ARE OMITTED.

ORIGINATED BY Bain Liu	DATE 09-27-08	TITLE MagJack®	PART NO. / DRAWING NO. SI-60096-F	STANDARD DIM. TOL. IN INCH	[] METRIC DIM. AS REFERENCE	 COMPONENTS FOR A CONNECTED PLANET
DRAWN BY LW Yuan	DATE 09-27-08	10/100BT TAB DOWN, SHIELDED	FILE NAME SI-60096-F.DWG	.X	UNIT : INCH [mm] REV. : A0	
				.XX	SCALE : N/A SIZE : A4	
				.XXX	±0.005	PAGE : 1

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ORIGINATED BY
Bain Liu

DATE
09-27-08

TITLE

MagJack®

PART NO. / DRAWING NO.

SI-60096-F

STANDARD DIM.
TOL. IN INCH

.X
.XX
.XXX ±0.005

[] METRIC DIM. AS REFERENCE

UNIT : INCH [mm]

REV. : A0

DRAWN BY
LW Yuan

DATE
09-27-08

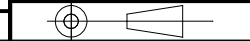
10/100BT
TAB DOWN, SHIELDED

FILE NAME

SI-60096-F.DWG

SCALE : N/A

SIZE : A4

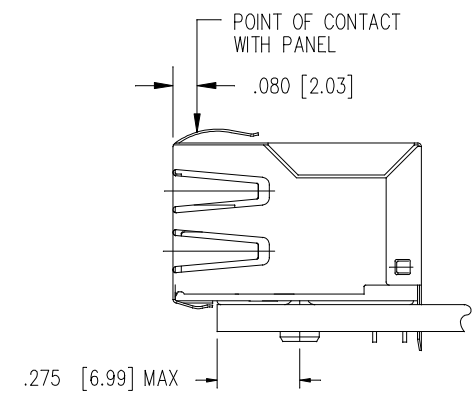
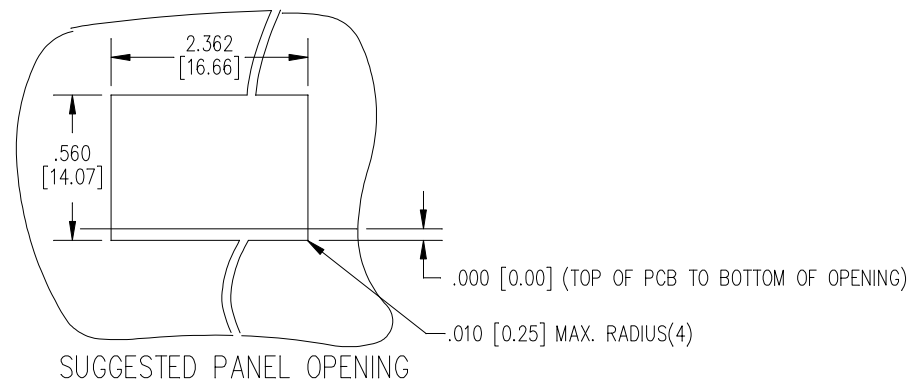


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COMPONENTS FOR A
CONNECTED
PLANET

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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]

ORIGINATED BY Bain Liu	DATE 09-27-08	TITLE MagJack® 10/100BT TAB DOWN, SHIELDED	PART NO. / DRAWING NO. SI-60096-F	STANDARD DIM. TOL. IN INCH	[] METRIC DIM. AS REFERENCE	bel COMPONENTS ON A CONNECTED PLANET
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