

THE INFORMATION CONTAINED HEREIN IS CONSIDERED "PROPRIETARY" TO BEL FUSE INC. AND SHALL NOT BE COPIED, REPRODUCED OR DISCLOSED WITHOUT THE WRITTEN APPROVAL OF BEL FUSE INC.



**DOCUMENT / PART NO.: SI-50096-F**

**TITLE : CMC, 1000BT, TAB UP, SHIELDED**

ISSUE	DESCRIPTION OF CHANGE	REVIEWED BY	APPROVED BY	ECN#
A0	Use new format and change the mechanical drawing number	Bain Liu	Steve Weller	06326

<b>PAGE</b>	1	2	3	4	--	--	--	--	--	--	--	--	--	--	--	--	--	--
<b>REV.</b>	A0	A0	A0	A0	--	--	--	--	--	--	--	--	--	--	--	--	--	--
<b>PAGE</b>	--	--	--	--	--	--	--	--	--	--	--	--	--	--	C5045-F REV A0			
<b>REV.</b>	--	--	--	--	--	--	--	--	--	--	--	--	--	--	24-0294-FQ REV A0			

THE INFORMATION CONTAINED HEREIN IS CONSIDERED "PROPRIETARY" TO BEL FUSE INC. AND SHALL NOT BE COPIED, REPRODUCED OR DISCLOSED WITHOUT THE WRITTEN APPROVAL OF BEL FUSE INC.

RoHS  
2002/95/EC



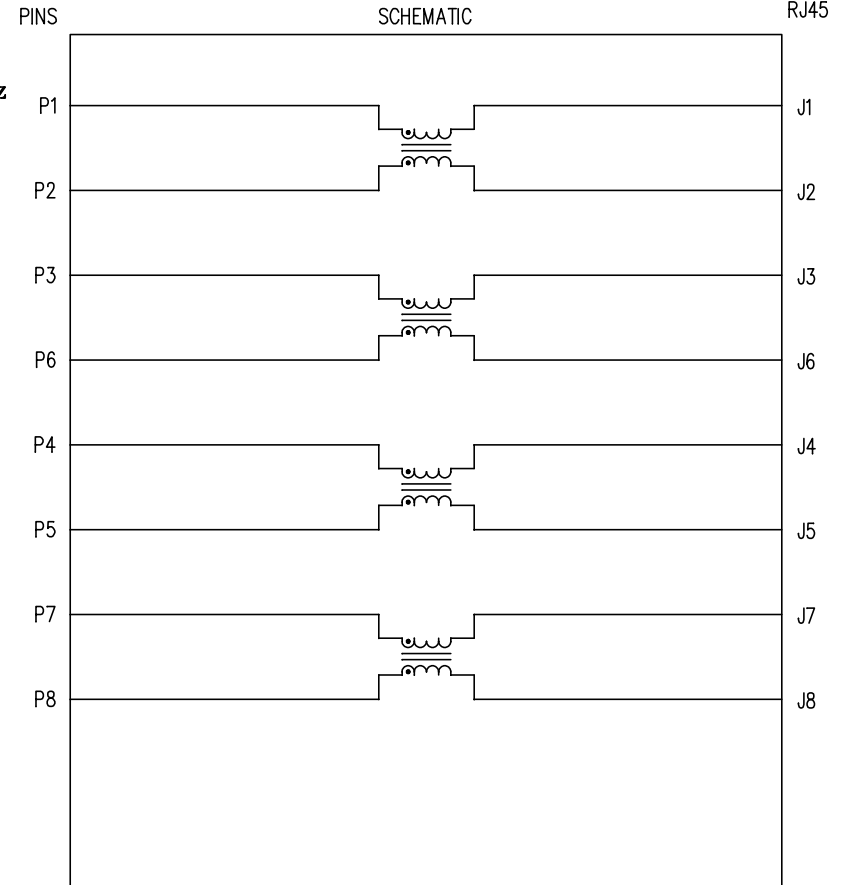
**ELECTRICAL CHARACTERISTICS @ 25°C**

1.0 INDUCTANCE: (P1-J1):(P3-J3):( P4-J4):(P7-J7) : 65 uH TYP @.05V, 100KHz

2.0 DC RESISTANCE: P8-J8 = P7-J7 : .5 OHM MAX  
 P6-J6 = P3-J3 : .5 OHM MAX  
 P5-J5 = P4-J4 : .5 OHM MAX  
 P2-J2 = P1-J1 : .5 OHM MAX

3.0 COMMON MODE : CMA (-dB)

FREQUENCY (MHz)	TYPICAL	MIN
1	8	5
5	17	15
20	23	15
70	25	20
200	22	17
500	11	6



ORIGINATED BY	DATE
Jack Deng	11-23-09
DRAWN BY	DATE
Jack Deng	11-23-09

TITLE
<b>MagJack®</b> CMC,1000BT, TAB UP, SHIELDED

PART NO. / DRAWING NO.
SI-50096-F
FILE NAME
SI-50096-F.DWG

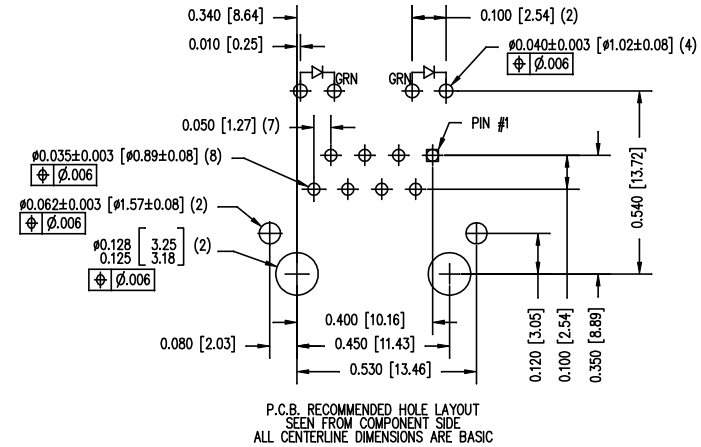
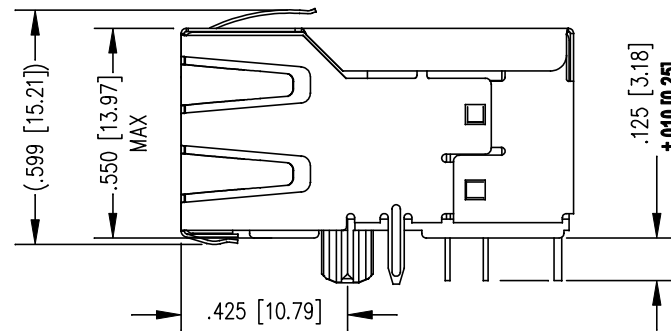
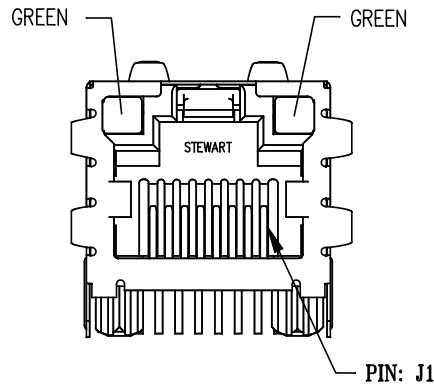
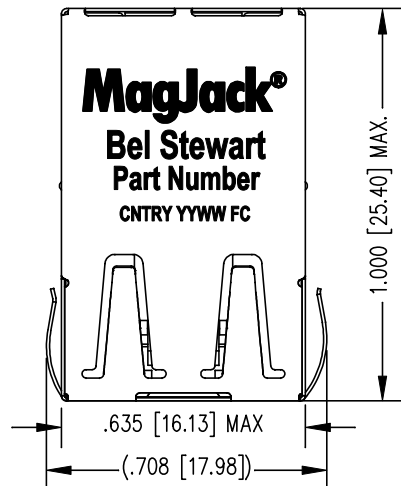
STANDARD DIM.	[ ] METRIC DIM. AS REFERENCE
TOL. IN INCH	UNIT : INCH [mm]
.X	SCALE : N/A
.XX	REV. : A0
.XXX	SIZE : A4
±0.005	PAGE : 2

[ ] METRIC DIM. AS REFERENCE
UNIT : INCH [mm]
SCALE : N/A
REV. : A0
SIZE : A4
PAGE : 2



THE INFORMATION CONTAINED HEREIN IS CONSIDERED "PROPRIETARY" TO BEL FUSE INC. AND SHALL NOT BE COPIED, REPRODUCED OR DISCLOSED WITHOUT THE WRITTEN APPROVAL OF BEL FUSE INC.

RoHS  
2002/95/EC



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 ±.005 [0.13]
- WAVE SOLDER COMPATIBLE - PREHEAT 125°C/90SECS.  
HIGH TEMPERATURE REFLOW COMPATIBLE - 230°C/90 SEC MAX.

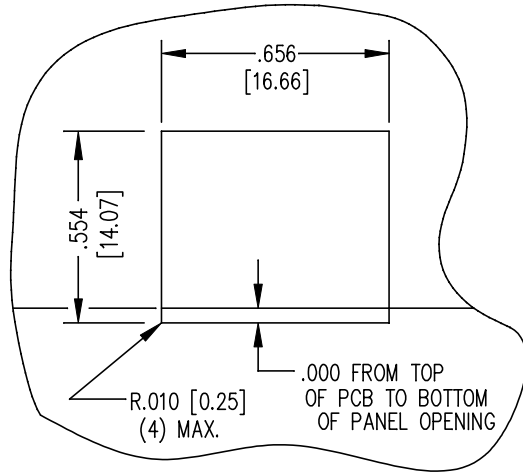
LED SPECIFICATION			
STANDARD LED	WAVELENGTH	Forward V (MAX)	* (TYP)
GREEN	565 nm	2.5 V	2.2 V

\*WITH A FORWARD CURRENT OF 20 mA (TYP)

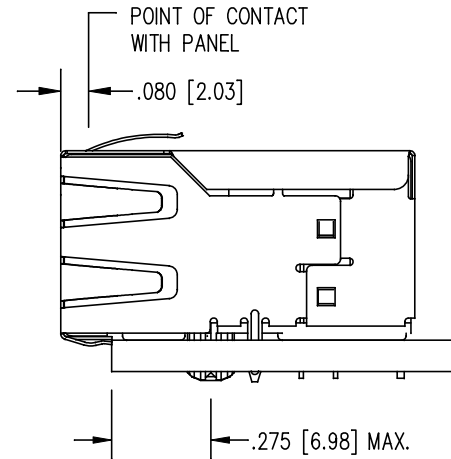
ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM.	[ ] METRIC DIM. AS REFERENCE		 COMPONENTS FOR A CONNECTED PLANET
Jack Deng	11-23-09	<b>MagJack</b> CMC, 1000BT, TAB UP, SHIELDED	SI-50096-F	TOL. IN INCH	UNIT : INCH [mm]	REV. : A0	
DRAWN BY	DATE		FILE NAME	.X	SCALE : N/A	SIZE : A4	
Jack Deng	11-23-09		SI-50096-F.DWG	.XX			
				.XXX			±0.005

THE INFORMATION CONTAINED HEREIN IS CONSIDERED "PROPRIETARY" TO BEL FUSE INC. AND SHALL NOT BE COPIED, REPRODUCED OR DISCLOSED WITHOUT THE WRITTEN APPROVAL OF BEL FUSE INC.

RoHS  
2002/95/EC



SUGGESTED PANEL OPENING



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  $\pm 0.005$  [0.13]

ORIGINATED BY <b>Jack Deng</b>	DATE <b>11-23-09</b>	TITLE <b>MagJack® CMC, 1000BT, TAB UP, SHIELDED</b>	PART NO. / DRAWING NO. <b>SI-50096-F</b>	STANDARD DIM. TOL. IN INCH	[ ] METRIC DIM. AS REFERENCE		<b>bel</b> COMPONENTS FOR A CONNECTED PLANET
DRAWN BY <b>Jack Deng</b>	DATE <b>11-23-09</b>	FILE NAME <b>SI-50096-F.DWG</b>	.X	UNIT : INCH [mm]	REV. : <b>A0</b>		
			.XX	SCALE : <b>N/A</b>	SIZE : <b>A4</b>		
			.XXX	$\pm 0.005$	PAGE : <b>4</b>		