



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 drwaing number								Bain Liu				Steve Weller				06326	

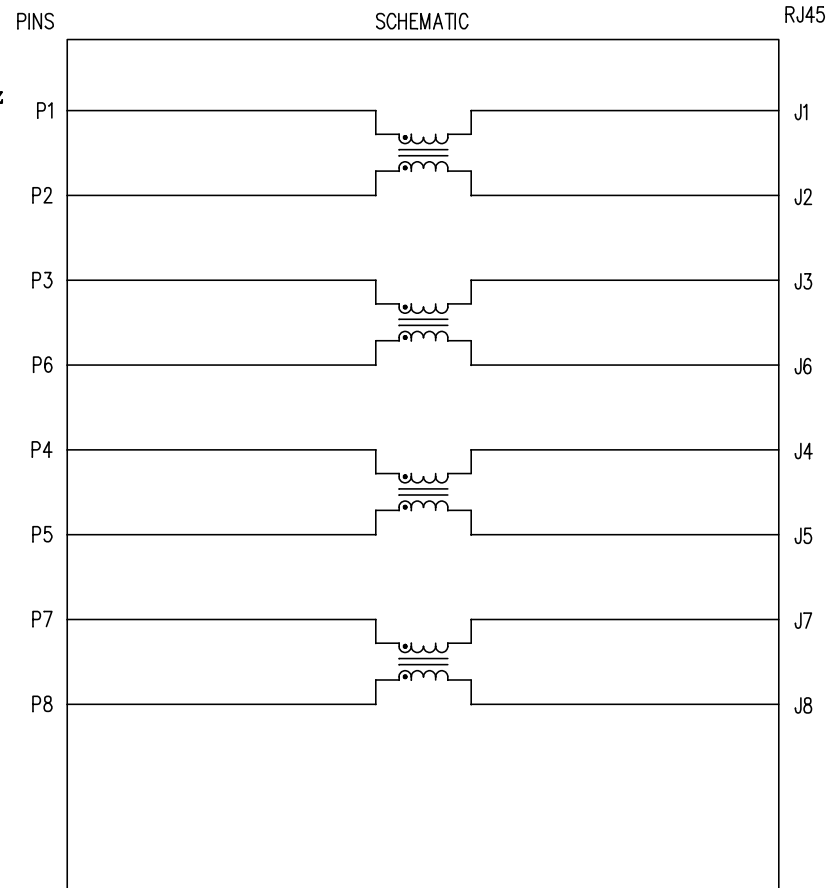
ELECTRICAL CHARACTERISTICS @ 25°C

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)

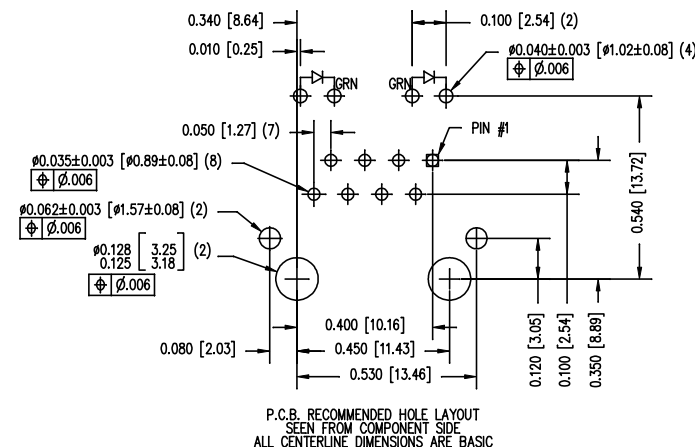
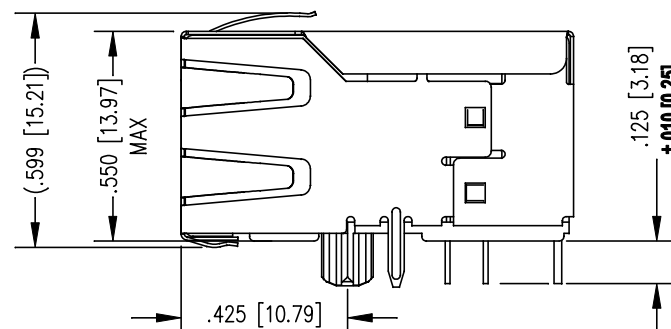
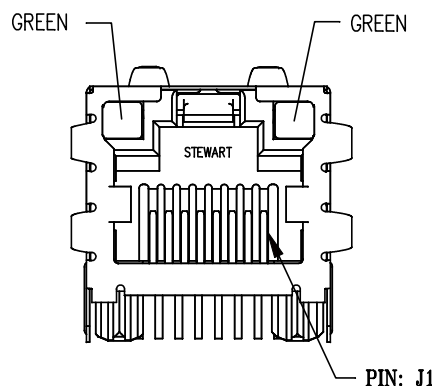
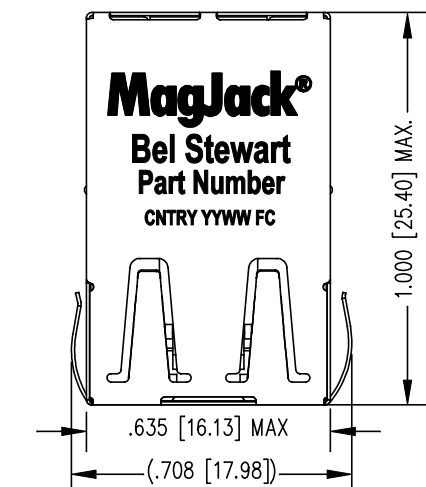
FREQUENCY (MHz)	TYPICAL	MIN
1	8	5
5	17	15
20	23	15
70	25	20
200	22	17
500	11	6



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

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RoHS
2002/95/EC



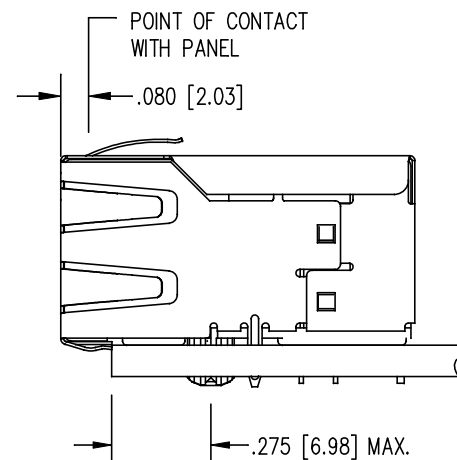
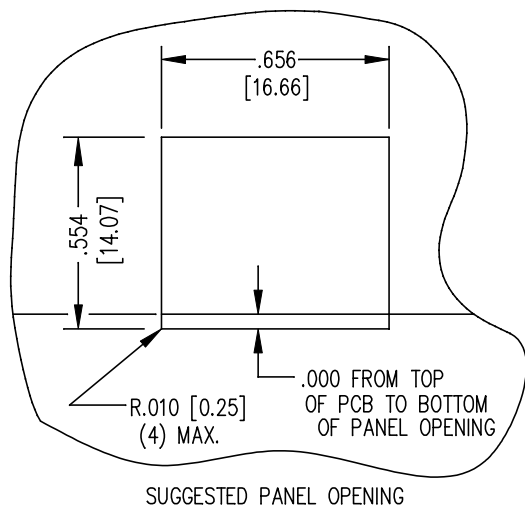
NOTES:

- 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 ± 0.005 [0.13]
- WAVE SOLDER COMPATIBLE - PREHEAT 125°C/90SECS.
HIGH TEMPERATURE REFLOW COMPATIBLE - 230°C/90 SEC MAX.

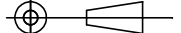
LED SPECIFICATION			
STANDARD LED	WAVELENGTH	Forward V (MAX)	* (TYP)
GREEN	565 nm	2.5 V	2.2 V

*WITH A FORWARD CURRENT OF 20 mA (TYP)

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Jack Deng		11-23-09			TOL. IN INCH		UNIT : INCH [mm]	REV. : A0	
DRAWN BY		DATE			FILE NAME		SCALE : N/A	SIZE : A4	
Jack Deng		11-23-09	MagJack® CMC, 1000BT, TAB UP, SHIELDED	SI-50096-F SI-50096-F.DWG	.XXX ±0.005			PAGE : 3	COMPONENTS FOR A CONNECTED PLANET



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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DRAWN BY	DATE		FILE NAME	.X	SCALE : N/A	SIZE : A4	
Jack Deng	11-23-09		SI-50096-F.DWG	.XX		PAGE : 4	
				.XXX			