



DOCUMENT / PART NO.: SI-50096

TITLE : CMC,1000BT, TAB UP, SHIELDED

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

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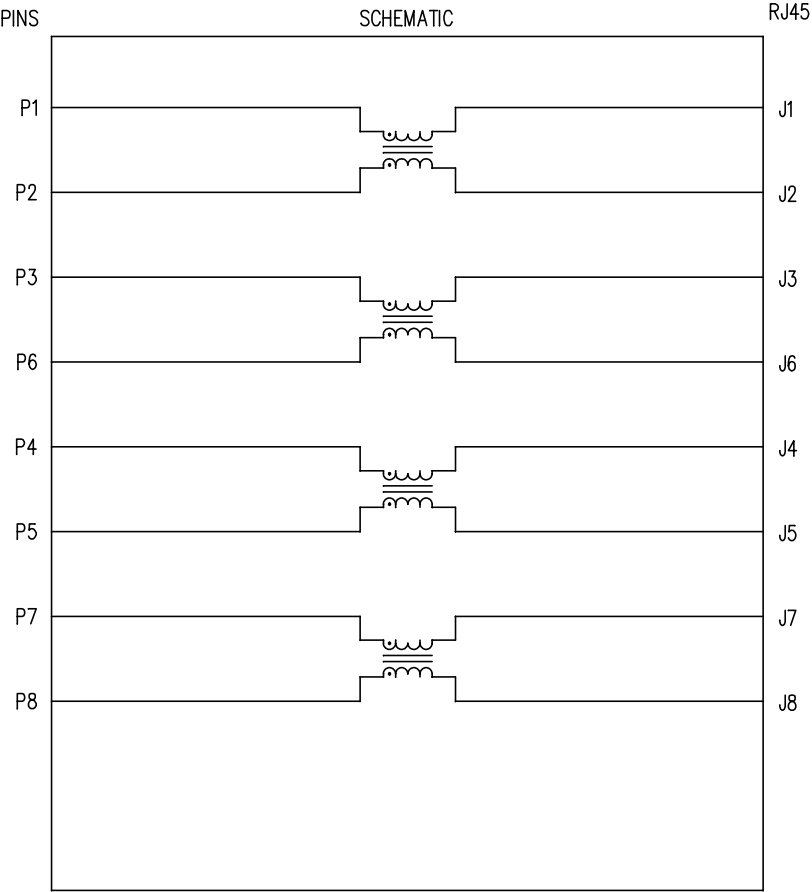
**ELECTRICAL CHARACTERISTICS @ 25°C**



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

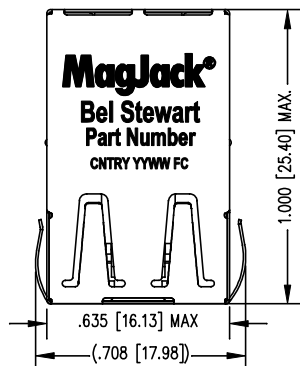
3.0 COMMON MODE : CMA (-dB)

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



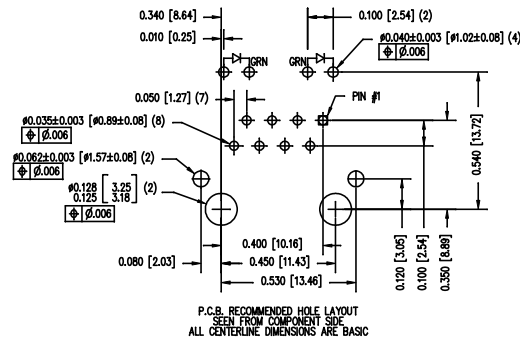
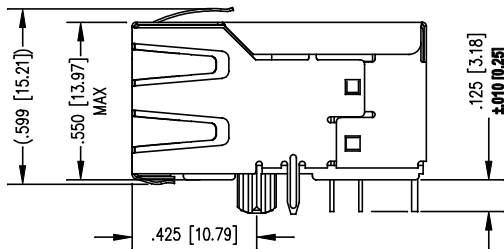
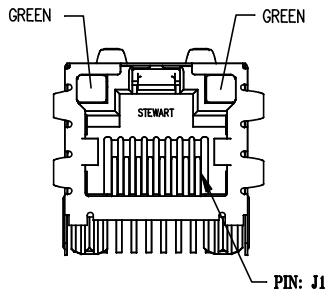
ORIGINATED BY	DATE	TITLE <b>MagJack®</b> CMC,1000BT, TAB UP, SHIELDED	PART NO. / DRAWING NO.	STANDARD DIM.		[ ] METRIC DIM. AS REFERENCE		 COMPONENTS FOR A CONNECTED PLANET
Jack Deng	11-23-09		SI-50096	TOL. IN INCH		UNIT : INCH [mm]	REV. : A0	
DRAWN BY	DATE		FILE NAME	.X		SCALE : N/A	SIZE : A4	
Jack Deng	11-23-09		SI-50096.DWG	.XX			PAGE : 2	
				.XXX	±0.005			

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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)

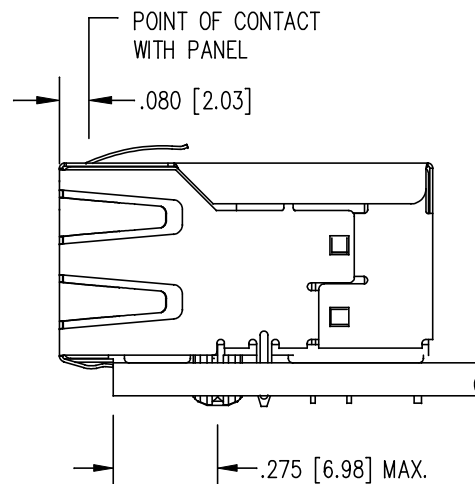
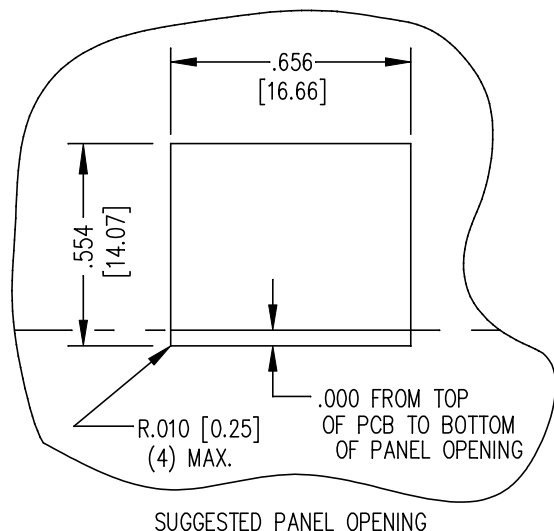


NOTES:

- 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 COMPATABLE – 230°C/90 SEC MAX.

ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM.		[ ] METRIC DIM. AS REFERENCE		
				TOL. IN INCH		UNIT : INCH [mm]	REV. : A0	
Jack Deng	11-23-09	<b>MagJack®</b> CMC,1000BT, TAB UP, SHIELDED	SI-50096	.X		SCALE : N/A	SIZE : A4	
DRAWN BY	DATE			.XX				
Jack Deng	11-23-09			.XXX	±0.005		PAGE : 3	

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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  $\pm 0.005$  [0.13]

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Jack Deng	11-23-09		SI-50096.DWG	.XXX ±0.005		PAGE : 4

