

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
PAGE	1	2	3	4	--	--	--	--	--	--	--	--	--	--	--
REV.	A0	A0	A0	A0	--	--	--	--	--	--	--	--	--	--	--
PAGE	--	--	--	--	--	--	--	--	--	--	--	--	--	C5045 REV A0	
REV.	--	--	--	--	--	--	--	--	--	--	--	--	--	24-0294-Q REV A0	

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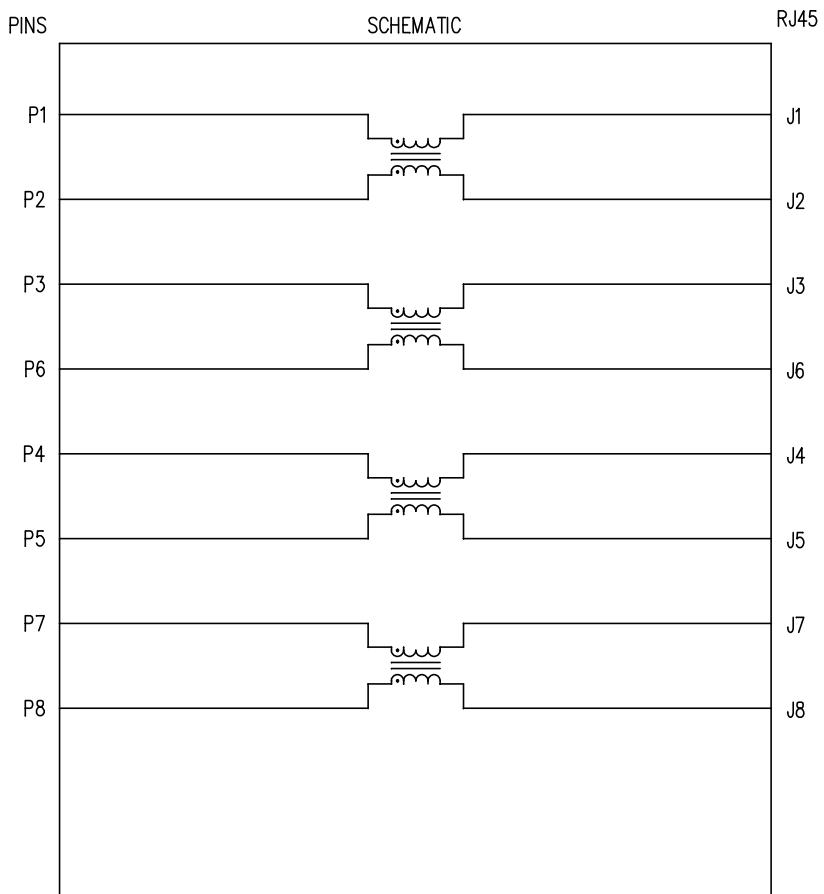
ELECTRICAL CHARACTERISTICS @ 25°C

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)

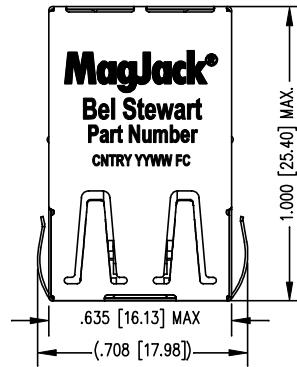
FREQUENCY (MHz)	TYPICAL	MIN
1	8	5
5	17	15
20	23	15
70	25	20
200	22	17
500	11	6



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

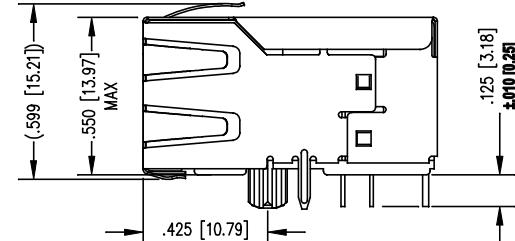
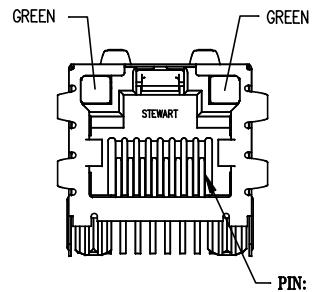
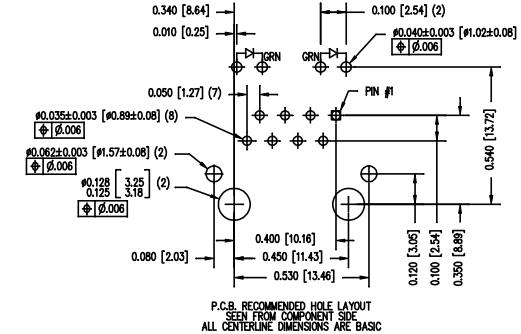
bel
COMPONENTS FOR A
CONNECTED
PLANET

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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)



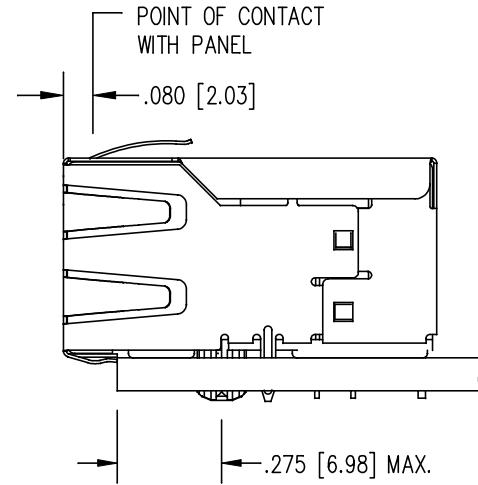
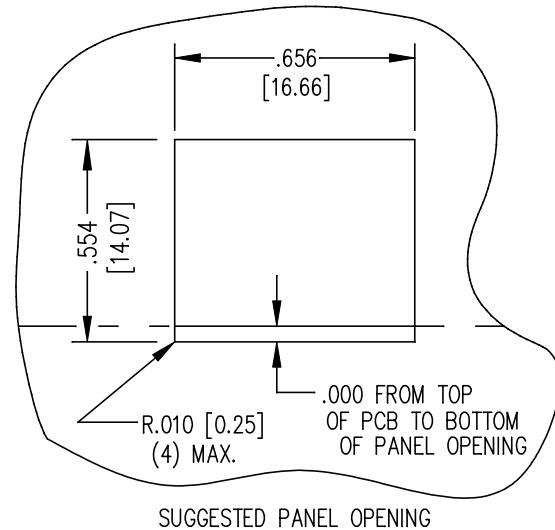
NOTES:

1. 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.
2. PIN NOT ELECTRICALLY CONNECTED MAYBE OMITTED.
SEE ELECTRICAL DRAWING FOR OMITTED PINS.
3. TOLERANCES COMPLY WITH F.C.C. DIMENSION REQUIREMENTS.
4. ALL TOLERANCES NOT OTHERWISE SPECIFIED TO BE ± 0.005 [0.13]
5. 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.		UNIT : INCH [mm]	REV. : A0
				TOL. IN INCH	[] METRIC DIM. AS REFERENCE		
Jack Deng	11-23-09	MagJack® CMC,1000BT, TAB UP, SHIELDED	SI-50096	.X		SCALE : N/A	SIZE : A4
DRAWN BY	DATE		SI-50096.DWG	.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 $\pm .005$ [0.13]

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DRAWN BY	DATE			SI-50096	.X	.XX	UNIT : INCH [mm]	REV. : A0
Jack Deng	11-23-09			SI-50096.DWG			SCALE : N/A	SIZE : A4
Jack Deng	11-23-09				.XXX	$\pm .005$		PAGE : 4

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CONNECTED
PLANET