



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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bel

COMPONENTS 
FOR A
CONNECTED
PLANET[®] 

PATENTED:
THIS PRODUCT IS
COVERED BY U.S.
PATENT 5,736,910

DOCUMENT / PART NO.: SI-50223-F

TITLE : 10/100BT,TAP UP, SHIELDED

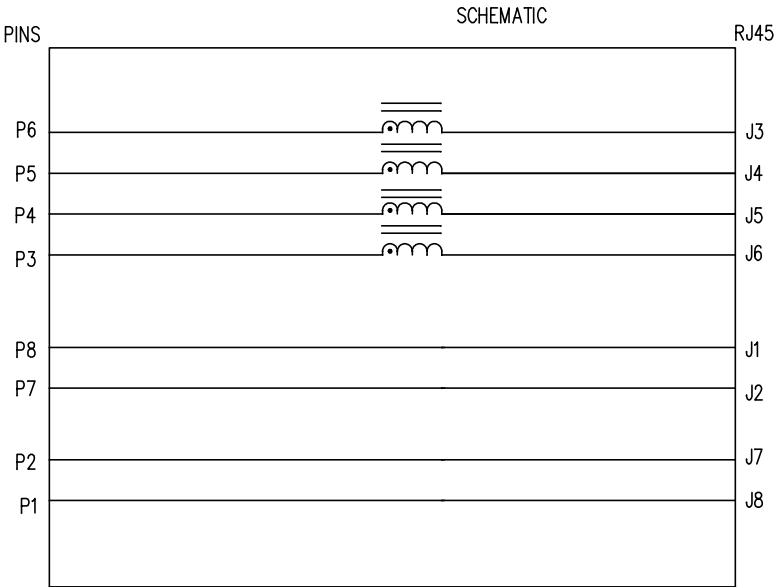
ISSUE	DESCRIPTION OF CHANGE								REVIEWED BY				APPROVED BY				ECN#	
A0	Use new format and production release.								Bain Liu				Steve Weller				06398	
									</									

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ELECTRICAL SPECIFICATIONS:

OPERATING TEMPERATURE RANGE:		: -40°C TO +85°C
1.0	INDUCTANCE: (P6-J3) = (P5-J4) = (P4-J5) = (P3-J6)	: 20 uH MIN @1MHz, 20 mV
2.0	LEAKAGE INDUCTANCE (P6-J3), SHORT (P5-J4), (P4-J5), (P3-J6)	: 0.20 uH MAX @1MHz, 20 mV
	(P5-J4), SHORT (P6-J3), (P4-J5), (P3-J6)	: 0.20 uH MAX @1MHz, 20 mV
	(P4-J5), SHORT (P6-J3), (P5-J4), (P3-J6)	: 0.20 uH MAX @1MHz, 20 mV
	(P3-J6), SHORT (P6-J3), (P5-J4), (P4-J5)	: 0.20 uH MAX @1MHz, 20 mV
3.0	COUPLING CAPACITANCE P3 TO P4 TO P5 TO P6	: 20 pF MAX. @1MHz, 20 mV
	SHORT (P6-J3), (P5-J4), (P4-J5), (P3-J6)	
4.0	DC RESISTANCE (P6-J3) = (P5-J4) = (P4-J5) = (P3-J6)	: 0.5 OHM MAX
5.0	COMMON MODE ATTENUATION	
	FREQUENCY (MHz)	dB (MIN)
	0.3	12
	1	19
	10	30
	30	30
	50	35
	100	32
	300	25
	500	18
6.0	HIPOT	: 500 Vrms (REF. DOC. HAND -WORK-03)

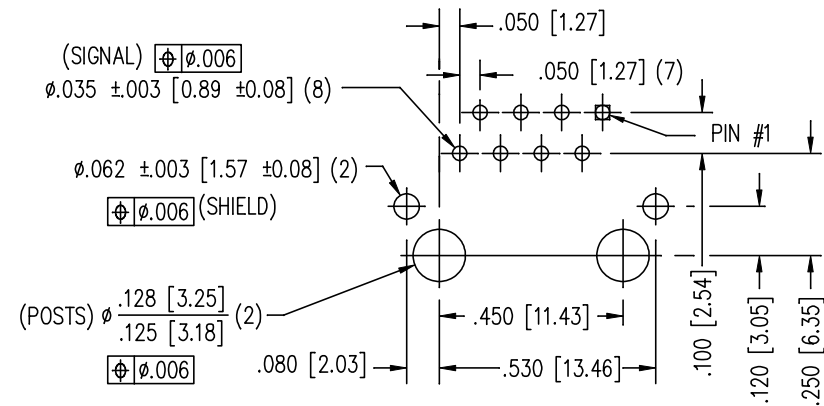
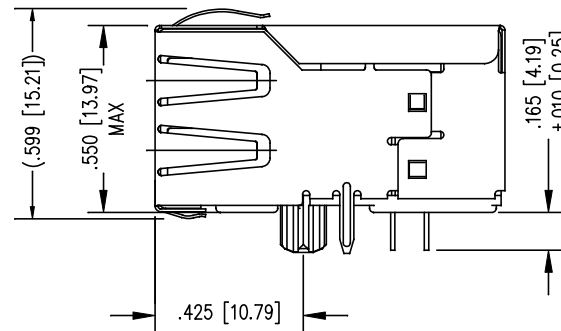
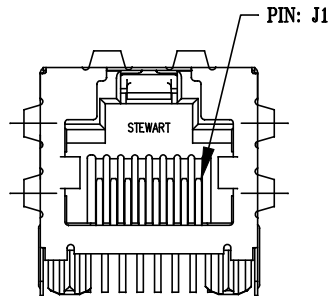
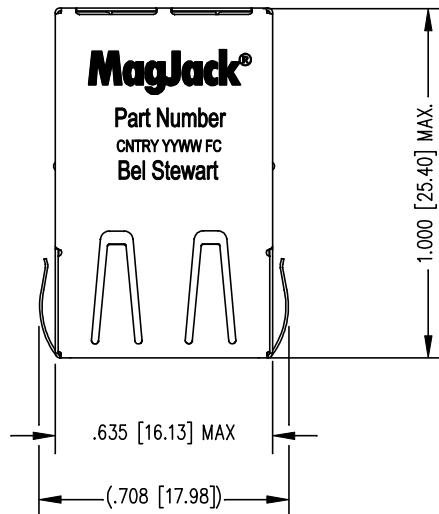


NOTE:
PINS NOT ELECTRICALLY CONNECTED ARE OMITTED.

ORIGINATED BY	DATE	TITLE <div>MagJack®</div> <div>10/100BT</div> <div>TAP UP, SHIELDED</div>	PART NO. / DRAWING NO.	STANDARD DIM.		[] METRIC DIM. AS REFERENCE		<div>bel</div> <div>COMPONENTS FOR A CONNECTED PLANET</div>
Bain Liu	2013-06-26		SI-50223-F	TOL. IN INCH		UNIT : INCH [mm]	REV. : A0	
DRAWN BY	DATE		FILE NAME	.X	<div></div>	SCALE : N/A	SIZE : A4	
Duan Jun	2013-06-26		SI-50223-F.DWG	.XX		<div></div>	<div></div>	
			.XXX	<div></div>				

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RoHS



P.C.B. RECOMMENDED HOLE LAYOUT
SEEN FROM COMPONENT SIDE

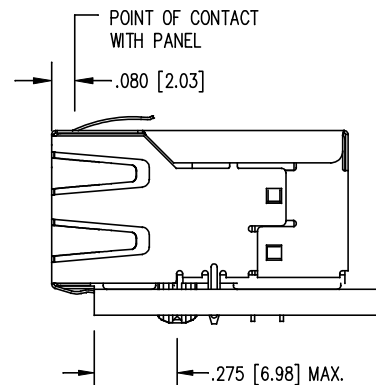
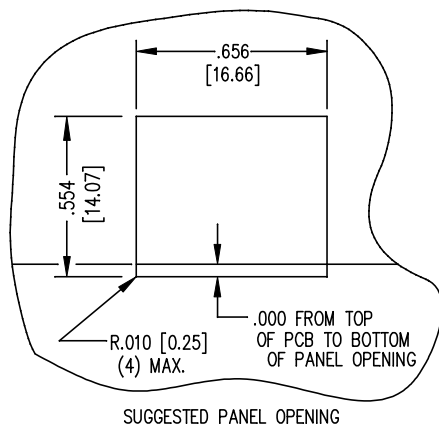
ALL CENTERLINE DIMENSIONS ARE BASIC.

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.

ORIGINATED BY Bain Liu	DATE 2013-06-26	TITLE MagJack® 10/100BT TAP UP, SHIELDED	PART NO. / DRAWING NO. SI-50223-F	STANDARD DIM. TOL. IN INCH		[] METRIC DIM. AS REFERENCE	
				.X .XX .XXX		UNIT : INCH [mm] SCALE : N/A 	REV. : A0 SIZE : A4 PAGE : 3
DRAWN BY Duan Jun	DATE 2013-06-26		FILE NAME SI-50223-F.DWG				





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	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM.	[] METRIC DIM. AS REFERENCE	
Bain Liu	2013-06-26	MagJack® 10/100BT TAP UP, SHIELDED	SI-50223-F	TOL. IN INCH	UNIT : INCH [mm]	REV. : A0
DRAWN BY	DATE		FILE NAME	.X	SCALE : N/A	SIZE : A4
Duan Jun	2013-06-26		SI-50223-F.DWG	.XX		PAGE : 4
				.XXX		