

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.



ELECTRICAL CHARACTERISTICS @ 25°C

ELECTRICAL SPECIFICATIONS:

1.0 INDUCTANCE P1-J1=P2-J2 ; P4-J4=P5-J5 : 65 uH 0.01V, 10 KHz, nominal.

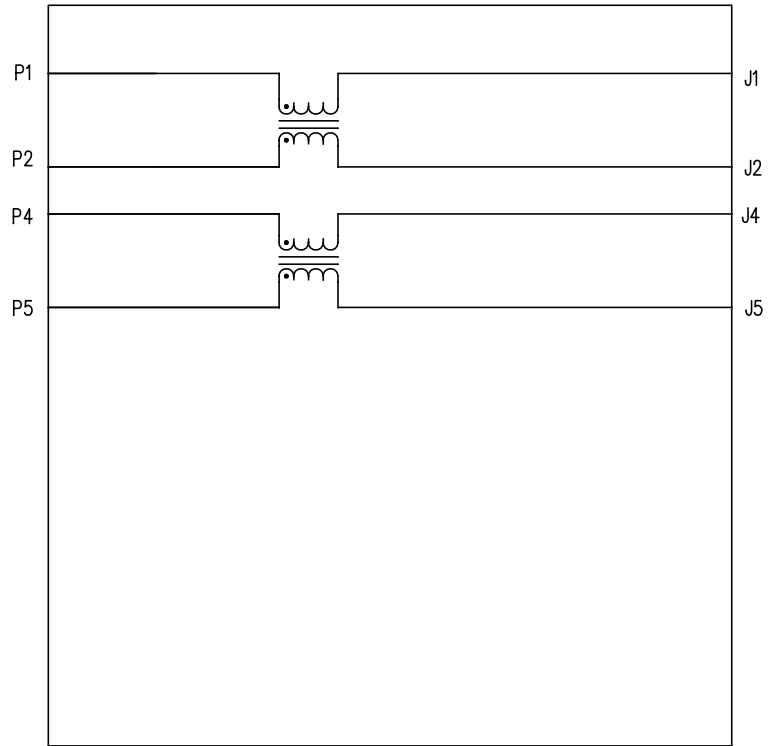
2.0 DC RESISTANCE P1-J1 : 0.5 ohm MAX
P2-J2 : 0.5 ohm MAX
P4-J4 : 0.5 ohm MAX
P5-J5 : 0.5 ohm MAX

3.0 COMMOM 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


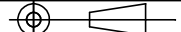
4.0 OPERATING TEMPERATURE RANGE: -40°C TO 85°C

PINS SCHEMATIC RJ45

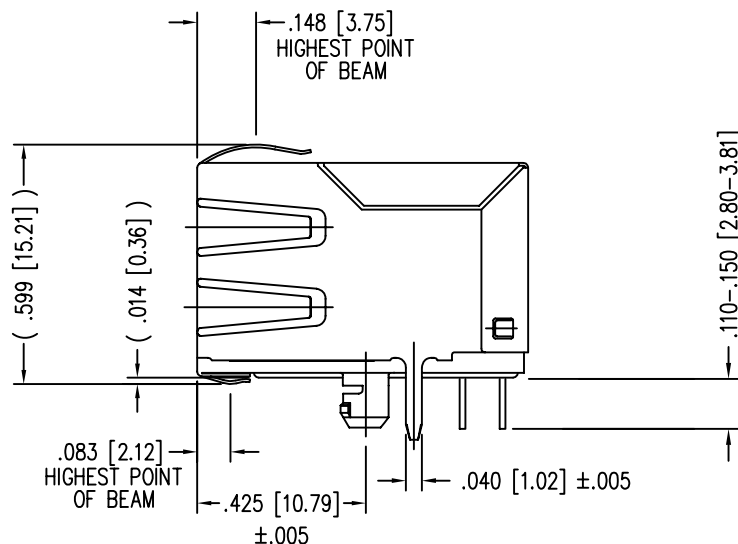
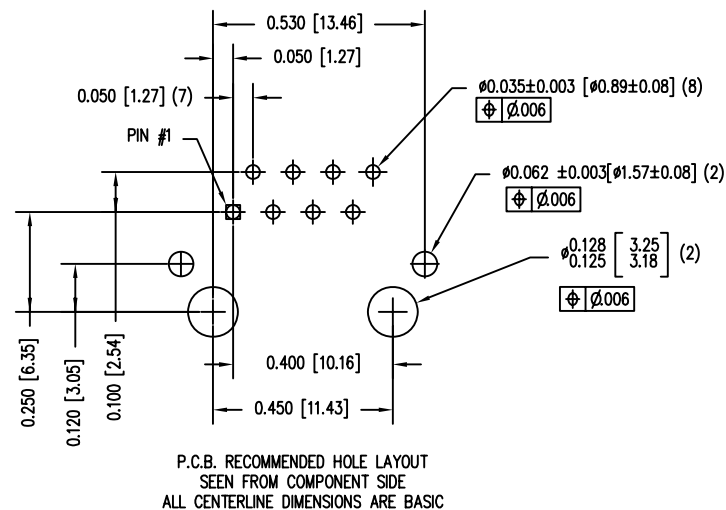
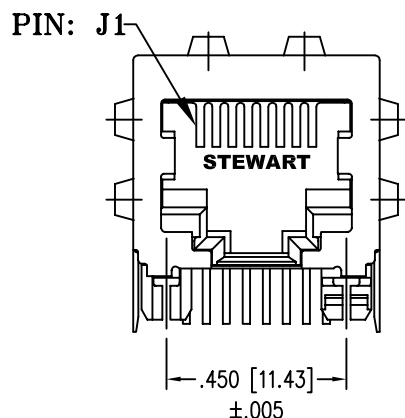
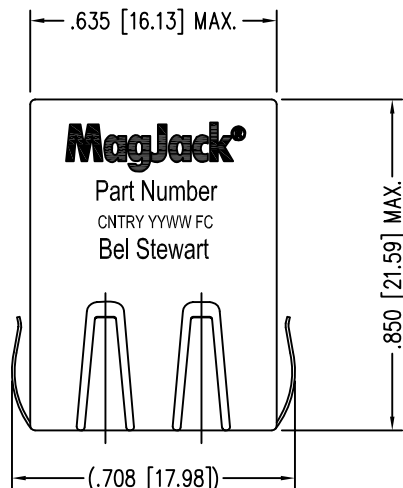


NOTES

1.0 PINS WITHOUT ELECTRICAL CONNECTION ARE OMITTED.


ORIGINATED BY	DATE	TITLE MagJack® T1/E1 TAB DOWN, SHIELDED	PART NO. / DRAWING NO.	STANDARD DIM.		[] METRIC DIM. AS REFERENCE		 COMPONENTS FOR A CONNECTED PLANET
ZL WANG	11-01-09		SI-60153-F	TOL. IN INCH		UNIT : INCH [mm]	REV. : A0	
DRAWN BY	DATE		FILE NAME	.X		SCALE : N/A	SIZE : A4	
RS ZHANG	11-01-09		SI-60153-F.DWG	.XX			PAGE : 2	
				.XXX	±0.005			

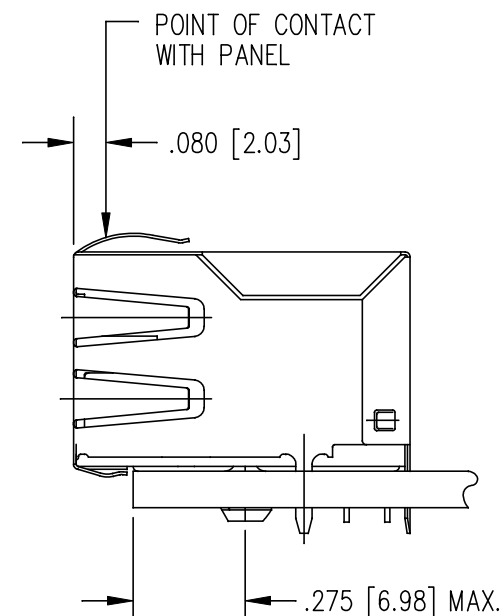
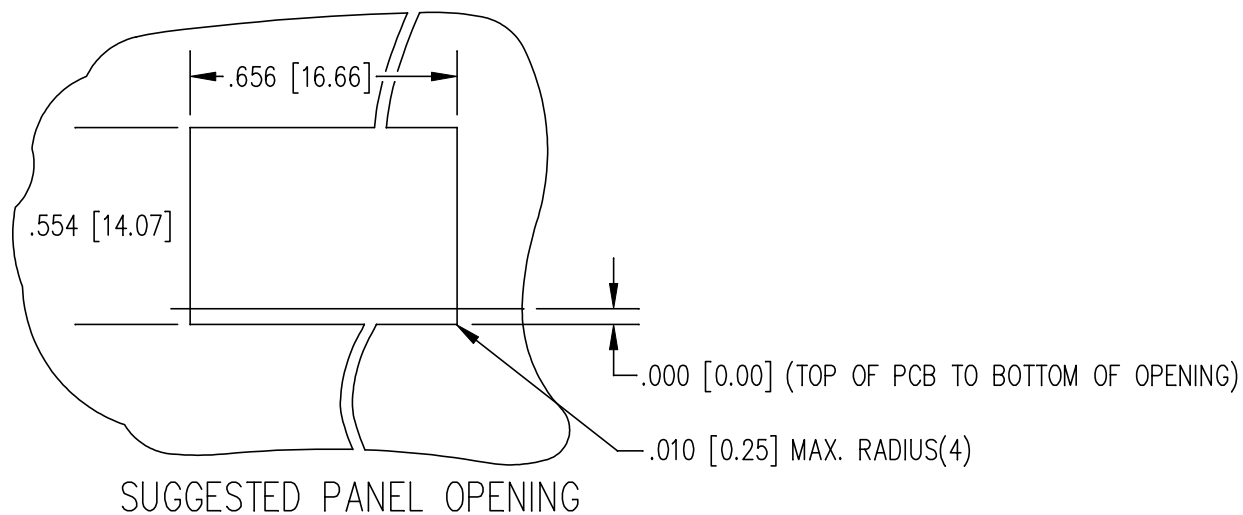
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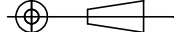
NOTES:

- 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.

ORIGINATED BY	DATE	TITLE <div>MagJack®</div> <div>T1/E1</div> <div>TAB DOWN, SHIELDED</div>	PART NO. / DRAWING NO.	STANDARD DIM.		[] METRIC DIM. AS REFERENCE		<div>bel</div> <div>COMPONENTS FOR A CONNECTED PLANET</div>
ZL WANG	11-01-09		SI-60153-F	TOL. IN INCH		UNIT : INCH [mm]	REV. : A0	
DRAWN BY	DATE		FILE NAME	.X		SCALE : N/A	SIZE : A4	
RS ZHANG	11-01-09		SI-60153-F.DWG	.XX				
				.XXX	±0.005		PAGE : 3	



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	MagJack® T1/E1 TAB DOWN, SHIELDED	PART NO. / DRAWING NO.	STANDARD DIM.		[] METRIC DIM. AS REFERENCE		
ZL WANG	11-01-09		SI-60153-F	TOL. IN INCH		UNIT : INCH [mm]	REV. : A0	
DRAWN BY	DATE		FILE NAME	.X		SCALE : N/A	SIZE : A4	
RS ZHANG	11-01-09		SI-60153-F.DWG	.XX			PAGE : 4	
				.XXX	± 0.005			