

Excellent Integrated System Limited

Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Bel Fuse Inc.](#)
[SI-50113-F](#)

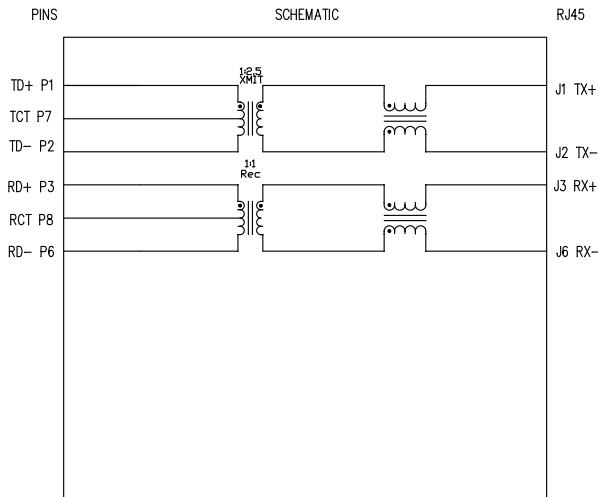
For any questions, you can email us directly:

sales@integrated-circuit.com

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ELECTRICAL SPECIFICATIONS:

1.0	Turns Ratio: (P6-P8-P3) : (J6-J3) (P2-P7-P1) : (J2-J1)	: 1CT : 1 ±3% : 1CT : 2.5 ±3%
2.0	Inductance: (P6-P3) (P2-P1)	: 200uH MIN. @ 0.01V, 10KHz : 35uH MIN. @ 0.01V, 10KHz
3.0	Leakage Inductance: P6-P3 (WITH J6 AND J3 SHORT) P2-P1 (WITH J2 AND J1 SHORT)	: 0.3uH MAX. @ 1MHz : 0.3uH MAX. @ 1MHz
4.0	Interwinding Capacitance: (P6,P3) TO (J6,J3) (P2,P1) TO (J2,J1)	: 10pf MAX @ 1MHz : 10pf MAX. @ 1MHz
5.0	DC Resistance: (J6-J3)=(J2-J1) (P6-P8)=(P8-P3) (P2-P7)=(P7-P1)	: 1.0 ohms Max. : 0.3 ohms Max. : 0.3 ohms Max.
6.0	Dielectric Withstand: (P6,P3) TO (J6,J3) (P2,P1) TO (J2,J1)	: 1500Vrms : 1500Vrms

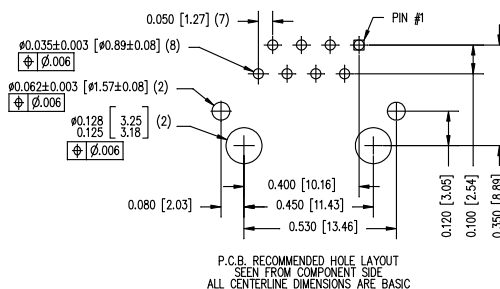
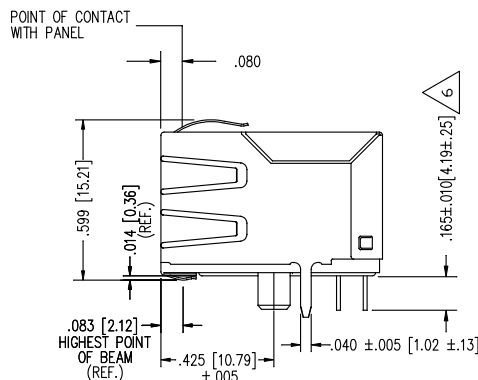
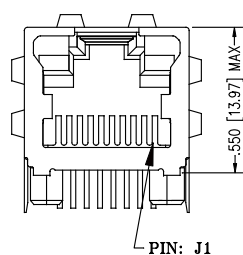
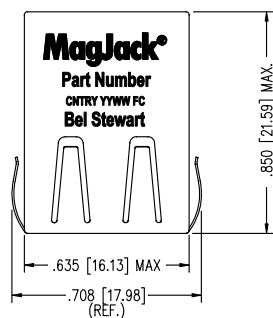


NOTES

PINS WITHOUT ELECTRICAL CONNECTION ARE OMITTED.

ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM.	[] METRIC DIM. AS REFERENCE
Bain Liu	10-12-09	MagJack® 10BT TAB UP, SHIELDED	SI-50113-F	TOL. IN INCH	UNIT : INCH [mm]
DRAWN BY	DATE		FILE NAME	.X	SCALE : N/A
Bain Liu	10-12-09		SI-50113-F.DWG	.XX	SIZE : A4
			.XXX	±0.005	PAGE : 2

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P.C.B. RECOMMENDED HOLE LAYOUT
SEEN FROM COMPONENT SIDE
ALL CENTERLINE DIMENSIONS ARE BASIC

NOTES:

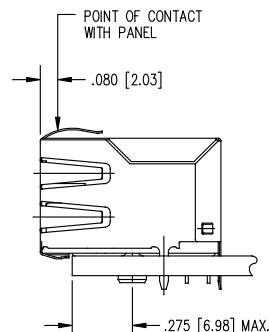
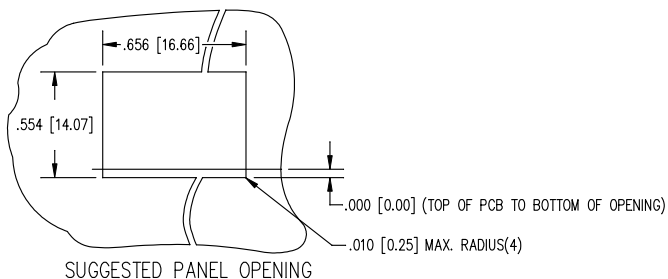
- CONNECTOR MATERIALS:
HOUSING: THERMOPLASTIC UL94 V-0
CONTACT/SHIELD: COPPER ALLOY
SHIELD PLATING: NICKEL OR TIN
CONTACT PLATING: SELECTIVE GOLD,
50 MICRO-INCHES MIN. IN CONTACT AREA.
- PIN NOT ELECTRICALLY CONNECTED MAYBE OMITTED.
SEE ELECTRICAL DRAWING FOR OMITTED PINS.
- TOLERANCES COMPLY WITH F.C.C. DIMENSION REQUIREMENTS.
- ALL TOLERANCES NOT OTHERWISE SPECIFIED TO BE ± 0.005 [0.13]
- REFLOW AND WAVE SOLDER COMPATIBLE -260°C FOR 10 SECONDS MAX.

NOTE SPECIAL LEAD LENGTH

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Bain Liu	10-12-09	MagJack® 10BT TAB UP, SHIELDED	SI-50113-F	TOL. IN INCH	UNIT : INCH [mm]
DRAWN BY	DATE		FILE NAME	.X	SCALE : N/A
Bain Liu	10-12-09		SI-50113-F.DWG	.XX	REV. : B0
				.XXX	SIZE : A4
				±0.005	PAGE : 3

FM999183 REV B1

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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 ± 0.005 [0.13]

ORIGINATED BY	DATE	TITLE MagJack® 10BT TAB UP, SHIELDED	PART NO. / DRAWING NO.	STANDARD DIM.		[] METRIC DIM. AS REFERENCE		bel COMPONENTS & CONSTRUCTED PLANTS	
Bain Liu	10-12-09		SI-50113-F	TOL. IN INCH		UNIT : INCH [mm]			REV. : B0
DRAWN BY	DATE		FILE NAME	.X		SCALE : N/A			SIZE : A4
Bain Liu	10-12-09		SI-50113-F.DWG	.XX		PAGE : 4			
				.XXX	±0.005				

