

Excellent Integrated System Limited

Stocking Distributor

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

[Bel Fuse Inc.](#)
[L811-1X1T-06-F](#)

For any questions, you can email us directly:

sales@integrated-circuit.com



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ELECTRICAL CHARACTERISTICS @ 25°C

TURNS RATIO

TX 1CT : 1
RX 1CT : 1

OCL @ 100kHz/100mVRMS
8mA DC BIAS

350μH MIN.

INS. LOSS

1MHz TO 100MHz

-1.0 dB MAX

RET. LOSS (MIN)

1MHz-30MHz

-18 dB

30MHz-60MHz

-18+20LOG(F/30MHz) dB

60MHz-80MHz

-12 dB

CROSS TALK (TX - RX)

500kHz - 100 MHz

-35 dB MIN

CM TO CM REJ

100kHz - 100 MHz

-30 dB MIN

CM TO DM REJ

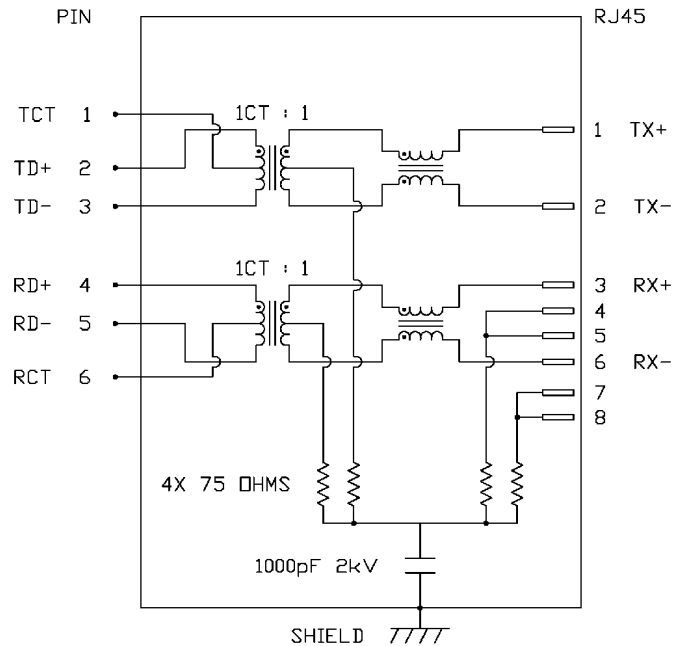
100kHz - 100 MHz

-35 dB MIN

HIPOT (Isolation Voltage):

1500 Vrms or 2250VDC

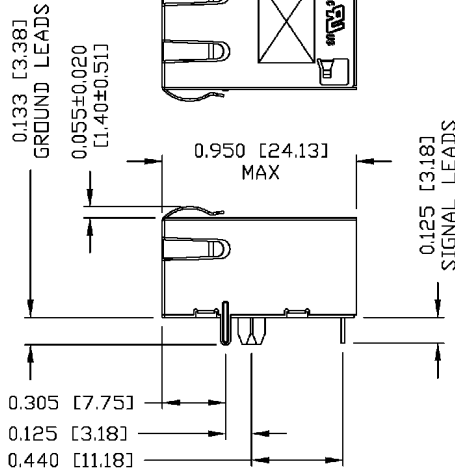
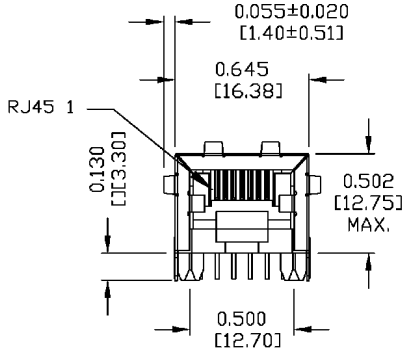
SCHEMATIC



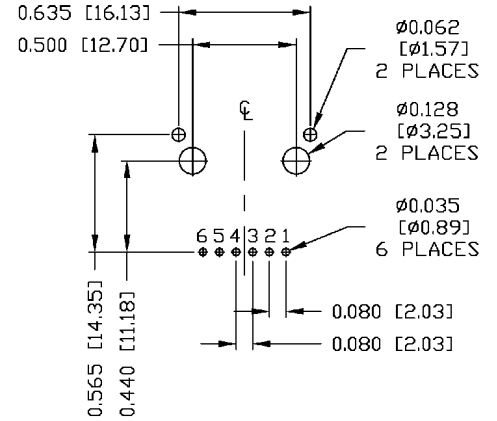
ORIGINATED BY CHUNG	DATE 05-18-06	TITLE LOW PROFILE MagJack® L811-1X1T-06-F	PART NO. / DRAWING NO. L8111X1T06-F	STANDARD DIM. TOL. IN INCH		[] METRIC DIM. AS REFERENCE		 COMPONENTS FOR A CONNECTED FAMILY
DRAWN BY DE	DATE 05-18-06		FILE NAME L8111X1T06-F.B.DWG	.X		UNIT : INCH [mm]	REV. : B	
				.XX		SCALE : N/A	SIZE : A4	
			.XXX			PAGE : 2		

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MECHANICAL SPECIFICATION



RECOMMENDED PCB FOOTPRINT COMPONENT SIDE VIEW



NOTES:

1. PLASTIC HOUSING: THERMOPLASTIC PBT
FLAMMABILITY RATING UL 94V-0
2. CONTACTS PLATING: 50 MICRO-INCH HARD GOLD PLATING
3. PINS: TIN-COATED COPPER WIRE, DIA 0.018 INCH.
4. METAL SHIELD: NICKEL PLATED ON COPPER ALLOY.
(ALL GROUND LEADS ARE SOLDER DIPPED)
5. MARK PART WITH MFG LOGO, MFG NAME, PART NUMBER, AND DATE CODE.
6. JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS.

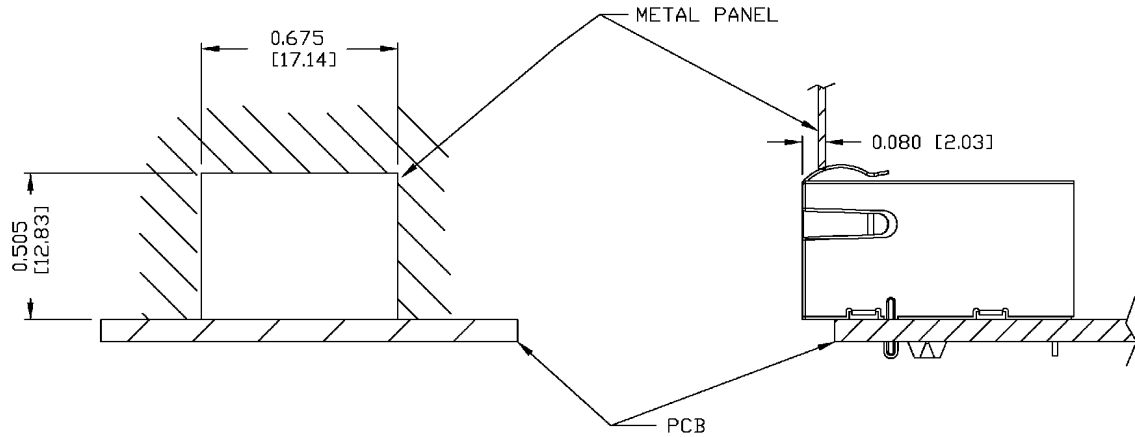
UL RECOGNIZED - FILE #E196366 AND E169987.

RoHS COMPLIANT, PER EU DIRECTIVE 2002/95/EC

ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM.	[] METRIC DIM. AS REFERENCE	
BANG/BILL	05-18-06	LOW PROFILE MagJack® L811-1X1T-06-F	L8111X1T06-F	TOL. IN INCH	UNIT : INCH [mm]	REV. : B
DRAWN BY	DATE		FILE NAME	.X	SCALE : N/A	SIZE : A4
LING	05-18-06		L8111X1T06-FB.DWG	.XX .XXX ±0.010	PAGE : 3	

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SUGGESTED PANEL OPENING



NOTE:

THE DISTANCE OF PANEL INSIDE SURFACE RELATIVE TO FRONT SURFACE OF PART IS ONLY A SUGGESTION.
 IN CASE THIS DISTANCE IS DIFFERENT, THE REQUIRED PANEL OPENING DIMENSIONS CHANGE ACCORDINGLY.

PACKING INFORMATION

PACKING TRAY : 0200-0148-06

PACKING QUANTITY : 70 PCS FINISHED GOODS PER TRAY

12 TRAYS (840 PCS FINISHED GOODS) PER CARTON BOX

NOTE : CARDBOARDS ARE PLACED BETWEEN LAYERS OF PACKING TRAY INSIDE CARTON BOX

(INCLUDE THE UPPERMOST AND LOWERMOST TRAY)

ORIGINATED BY BANG/BILL	DATE 05-18-06	TITLE LOW PROFILE MagJack® L811-1X1T-06-F	PART NO. / DRAWING NO. L8111X1T06-F	STANDARD DIM. TOL. IN INCH		[] METRIC DIM. AS REFERENCE		 COMPONENTS CONCEPTS PLANET	
DRAWN BY LING	DATE 05-18-06		FILE NAME L8111X1T06-FB.DWG	.X		UNIT : INCH [mm]			REV. : B
				.XX		SCALE : N/A			SIZE : A4
		.XXX ±0.004				PAGE : 4			