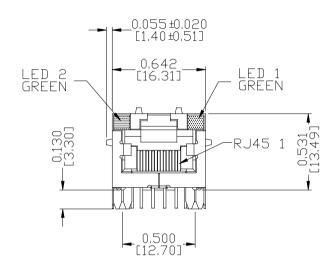
THE INFORMATION CONTAINED HEREIN IS CONSIDERED RoHS LED1 POLARITY "PROPRIETARY" TO BEL FUSE INC. AND SHALL NOT BE LED2 POLARITY COPIED, REPRODUCED OR DISCLOSED WITHOUT THE PIN 8 PIN 10 PIN 7 COLOR PIN 9 COLOR WRITTEN APPROVAL OF BEL FUSE INC. GREEN GREEN ELECTRICAL CHARACTERISTICS @ 25°C TURNS RATIO ΤX 1CT : 1RX 1CT : 1SCHEMATIC LED1 OCL @ 100kHz/100mVRMS 8mA DC BIAS 350µH MIN. INS. I DSS **RJ45** 1MHz T∏ 100MHz -1.0 dB MAX RET, LOSS (MIN) -18 dB1MHz-30MHz  $-18+20L\Box G(F/30MHz) dB$ 30MHz-60MHz -12 dB 1CT : 1 60MHz-80MHz TCT 1 ◆ 1 TX+ CROSS TALK (TX - RX) 500kHz-1MHz -70 dB MIN TD+ 2 10 MHz -50 dB MIN 30 MHz -45 dB MIN 2 TX-TD- 3 50 MHz -40 dB MIN 100 MHz -35 dB MIN CM TO CM REJ 1CT : 1100kHz-1MHz -70 dB MIN 3 RX+ RD+410 MHz -47 dB MIN 30 MHz -42 dB MIN RD- 5 60 MHz -37 dB MIN 5 100 MHz -30 dB MIN RX-6 CM TO DM REJ RCT 6 ◆ 100kHz-1MHz -70 dB MIN 10 MHz -60 dB MIN 8 30 MHz -50 dB MIN 60 MHz -45 dB MIN 4X 750HMS 100 MHz -40 dB MIN HIPOT (Isolation Voltage) 1500 Vrms LED5 LED 1 & LED 2 1000pF 2KV 2,2V TYP. VF (FORWARD VOLTAGE) IF=20mA GREEN GREEN λD (DOMINANT WAVELENGTH) IF=20mA GREEN 570nm TYP. SHIELD 7777 REV. : PAGE: ORIGINATED BY TITLE PART NO. / DRAWING NO. STANDARD DIM [ ] METRIC DIM. CHOW WANCHUNG MagJack® AS REF. TOL. IN INCH 08B01G1T36-F **DATE** 2014-01-07 (4 Cores, MDIX, CM Termination) UNIT : INCH [mm] DRAWN BY FILE NAME 08B0-1G1T-36-F SCALE : N/A HU XIANG .XX a bel aroup PATENTED 08B01G1T36-F B,DWG DATE 2014-01-07 SIZE: A4 DC002(2)120214 This document is electronically generated. This is a controlled copy if used internally

### MECHANICAL SPECIFICATION





NOTES:

PLASTIC HOUSING: THERMOPLASTIC PBT

FLAMMABILITY RATING UL 94V-0

CONTACTS PLATING: 15 MICRO-INCH HARD GOLD PLATING

OR EQUIVALENT.

PINS: TIN-COATED COPPER WIRE, DIA 0.018 INCH.

METAL SHIELD: PRE-PLATED NICKEL ON COPPER ALLOY.

(ALL GROUND LEADS ARE SOLDER DIPPED)

1 MARK PART WITH MFG LOGO, MFG NAME, PART NUMBER, AND DATE CODE.

0.305 [7.75] 0.305 [7.75] 0.125 [3.17] 0.125 [3.18] 0.132 [3.18]

[2] "PATENTED" MARKING.

3. THE PRODUCT IS ROHS COMPLIANT.

C TUSUL RECOGNIZED - FILE #E196366 AND E169987.

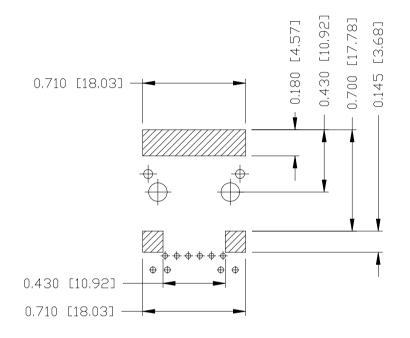
- 4. JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS.
- 5. THE PRODUCT IS PATENTED, THE PATENT NUMBER IS U.S. PAT. 5,736,910.

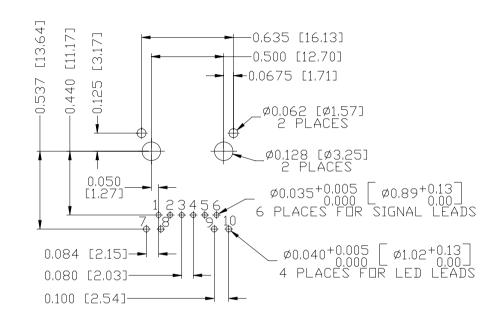
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# RECOMMENDED PCB FOOTPRINT COMPONENT SIDE VIEW





# NOTES:

THE SHADED AREA ON THE CUSTOMER BOARD ARE RECOMMENDED TO BE CLEAR OFF ANY VIA HOLE OR COMPONENT PAD.

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DATE 2014-01-07		08B01G1T36-F_B,DWG	.XXX	±0,004	SIZE : A4	
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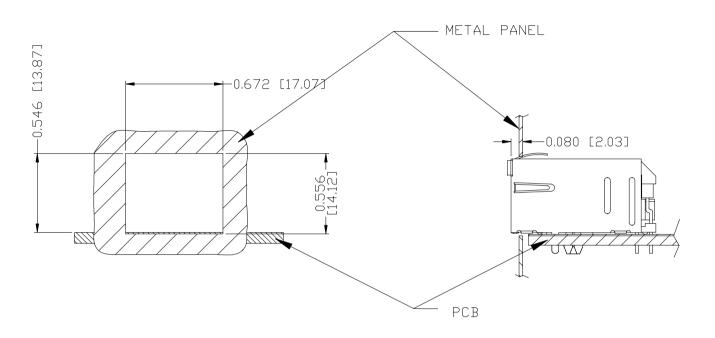
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#### SUGGESTED PANEL OPENING





### 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: 0200-9999-D4(TOP)

0200-9999-D5(BOTTOM)

PACKING QUANTITY: 60 PCS FINISHED GOODS PER TRAY

11 TRAYS (660 PCS FINISHED GOODS) PER CARTON BOX

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

(INCLUDE THE UPPERMOST AND LOWERMOST TRAY)

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ORIGINATED BY	TITLE	PART NO. / DRAWING NO.	STAND	ARD DIM.	[ ] METRIC DIM.	
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