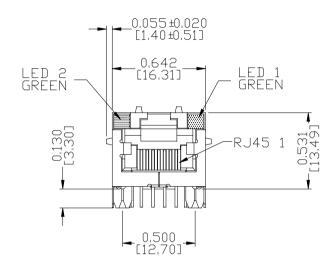
THE INFORMATION CONTAINED HEREIN IS CONSIDERED RoHS LED1 POLARITY "PROPRIETARY" TO BEL FUSE INC. AND SHALL NOT BE LED2 POLARITY COPIED, REPRODUCED OR DISCLOSED WITHOUT THE PIN 8 PIN 10 PIN 7 COLOR PIN 9 COLOR WRITTEN APPROVAL OF BEL FUSE INC. GREEN GREEN ELECTRICAL CHARACTERISTICS @ 25°C TURNS RATIO 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





PLASTIC HOUSING:

NOTES:

THERMOPLASTIC PBT

FLAMMABILITY RATING UL 94V-0

CONTACTS PLATING: 15 MICRO-INCH HARD GOLD PLATING

OR FQUIVALENT.

TIN-COATED COPPER WIRE, DIA 0,018 INCH. PINS:

PRE-PLATED NICKEL ON COPPER ALLOY. METAL SHIELD:

11 MARK PART WITH MFG LOGO, MFG NAME, PART NUMBER,

PART NO. / DRAWING NO. STANDARD DIM [] METRIC DIM. TOL. IN INCH 08B01G1T36-F

.XX

AS REF. UNIT : INCH [mm]

SCALE : N/A

a bel group

SOLUTIONS

PAGE:

3

FILE NAME

08B01G1T36-F_B.DWG

(ALL GROUND LEADS ARE SOLDER DIPPED)

AND DATE CODE.

TITLE

0,055±0,020 0,127 [3,23] GROUND LEADS **⊢**1.005 [25.53]− 0,125 SIGNAL & ~ 0.305 [7.75] +0.125 [3.17] 0.440 [11.18] 0.537 [13.64]

2) "PATENTED" MARKING.

3. THE PRODUCT IS ROHS COMPLIANT.

C NUSUL 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. REV. :

DRAWN BY JESSE LI

ORIGINATED BY

ANTON LIAD

DATE 2014-01-07

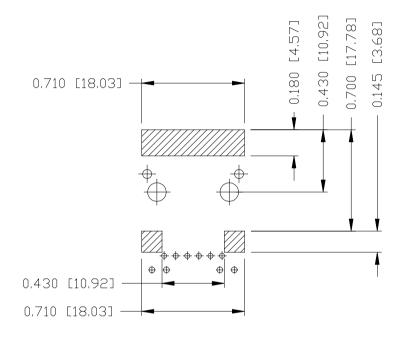
DATE 2014-01-07

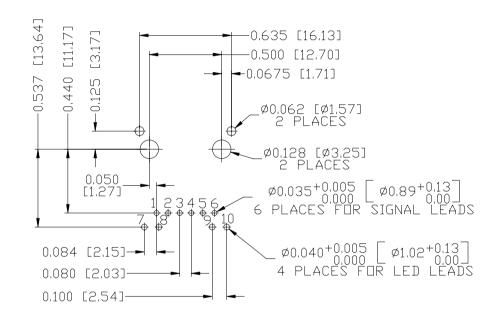
MagJack® (4 Cores, MDIX, CM Termination) 08B0-1G1T-36-F PATENTED

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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.

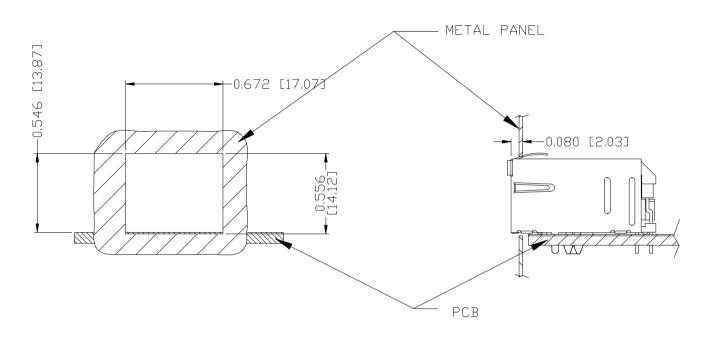
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ANTON LIAO	MagJack®	00D01C1T24_E	TOL. IN INCH			İ
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SUGGESTED PANEL OPENING





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)

						R		
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ANTON LIAO	MagJack®			IN INCH	AS REF.	ı		
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