

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.

LED1 POLARITY			LED2 POLARITY		
PIN 7	PIN 8	COLOR	PIN 9	PIN 10	COLOR
-	+	GREEN	-	+	GREEN

RoHS



ELECTRICAL CHARACTERISTICS @ 25°C

URNS RATIO

TX 1CT : 1

RX 1CT : 1

CL @ 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-1MHz -70 dB MIN

10 MHz -50 dB MIN

30 MHz -45 dB MIN

50 MHz -40 dB MIN

100 MHz -35 dB MIN

CM TO CM REJ

100kHz-1MHz -70 dB MIN

10 MHz -47 dB MIN

30 MHz -42 dB MIN

60 MHz -37 dB MIN

100 MHz -30 dB MIN

CM TO DM REJ

100kHz-1MHz -70 dB MIN

10 MHz -60 dB MIN

30 MHz -50 dB MIN

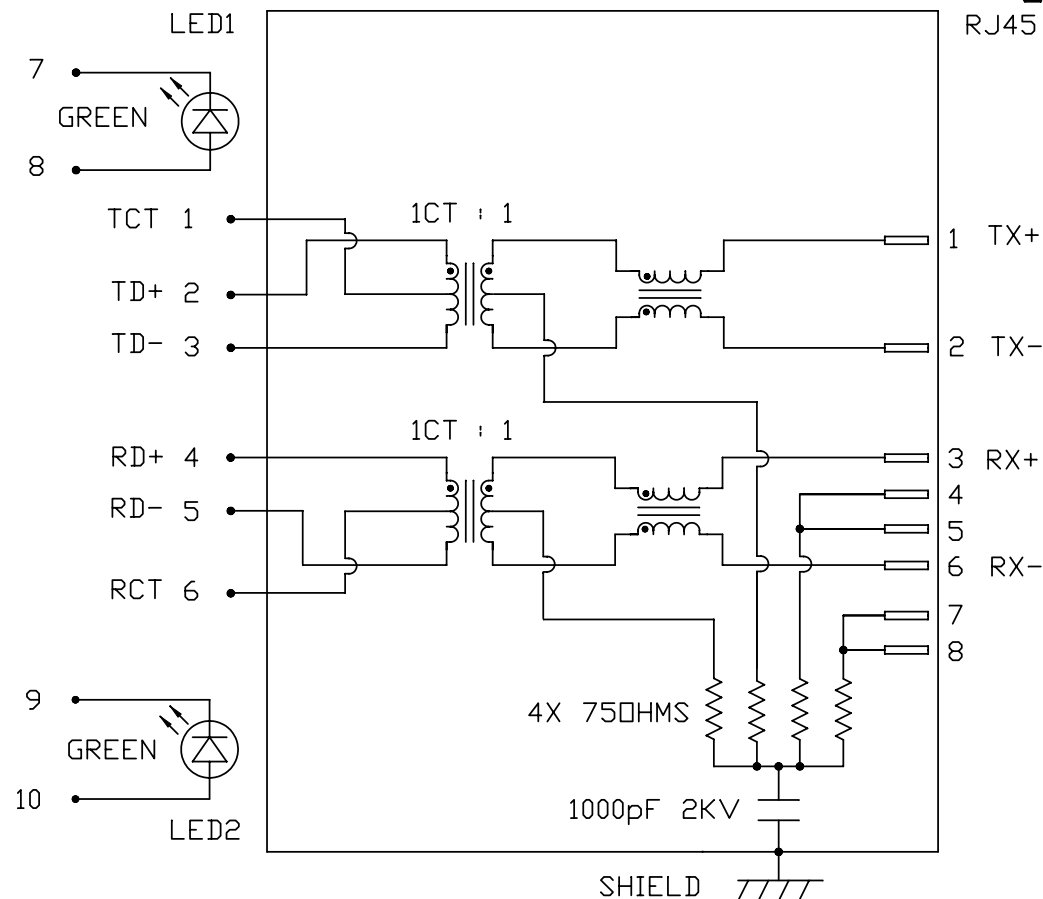
60 MHz -45 dB MIN

100 MHz -40 dB MIN

HIPOT (Isolation Voltage): 1500 Vrms

100% OF PRODUCTION TESTED TO COMPLY WITH

IEEE 802.3 ISOLATION REQUIREMENTS.



LED1 and LED2

VF (FORWARD VOLTAGE) IF=20mA GREEN 2.2V TYP.

λD (DOMINANT WAVELENGTH) IF=20mA GREEN 565nm TYP.

ORIGINATED BY		DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM.		[] METRIC DIM. AS REFERENCE		 COMPONENTS FOR A CONNECTED PLANET
DRAWN BY		DATE			TOL. IN INCH		UNIT : INCH [mm]	REV. : B	
CHOW WANCHUNG		2012-07-09	MagJack® (4 Cores, MDIX, CM Termination) 08B0-1G1T-06-F PATENTED	08B01G1T06-F FILE NAME 08B01G1T06-F_B.DWG	.X		SCALE : N/A	SIZE : A4	
TAN QIGUANG		2012-07-09			.XX			PAGE : 2	
					.XXX				

DC002(2)081111

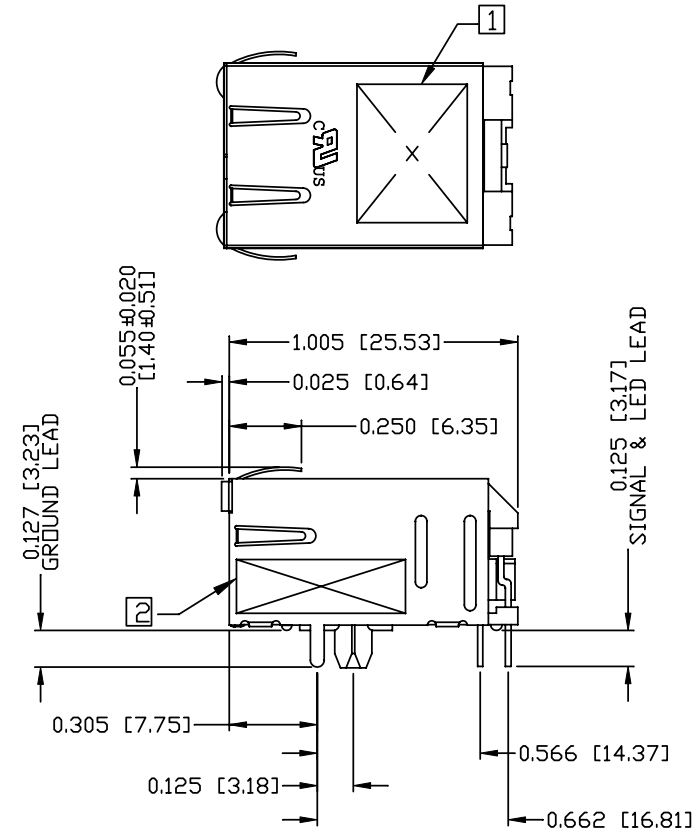
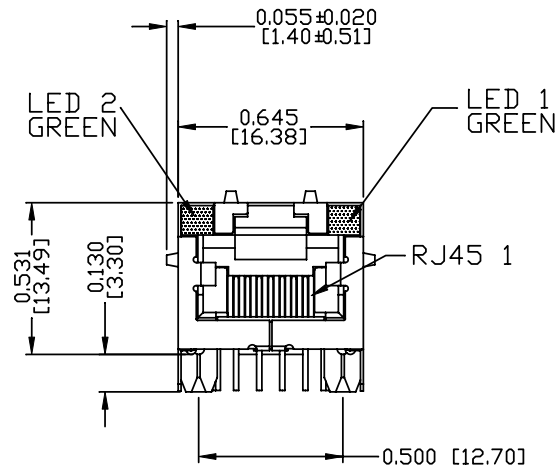
This document is electronically generated. This is a controlled copy if used internally

Please read our datasheet & drawing disclaimer [here](#).

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.

MECHANICAL SPECIFICATION

RoHS



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.

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

2 "PATENTED" MARKING.

3. THE PRODUCT IS RoHS COMPLIANT.

4. JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS, PART 68 SUBPART F.

5. THE PRODUCT IS PATENTED. THE PATENT NUMBER IS U.S. PAT. 5,736,910.

c UL RECOGNIZED - FILE #E196366 AND E169987.

ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM. TOL. IN INCH		[] METRIC DIM. AS REFERENCE	
						UNIT : INCH [mm]	REV. : B
ANTON LIAO	2012-07-09	MagJack® (4 Cores, MDIX, CM Termination)	08B01G1T06-F	.X		SCALE : N/A	SIZE : A4
DRAWN BY	DATE		FILE NAME	.XX			PAGE : 3
				.XXX	±0.010		
HE ZHEN	2012-07-09	08B0-1G1T-06-F PATENTED	08B01G1T06-F_B.DWG				



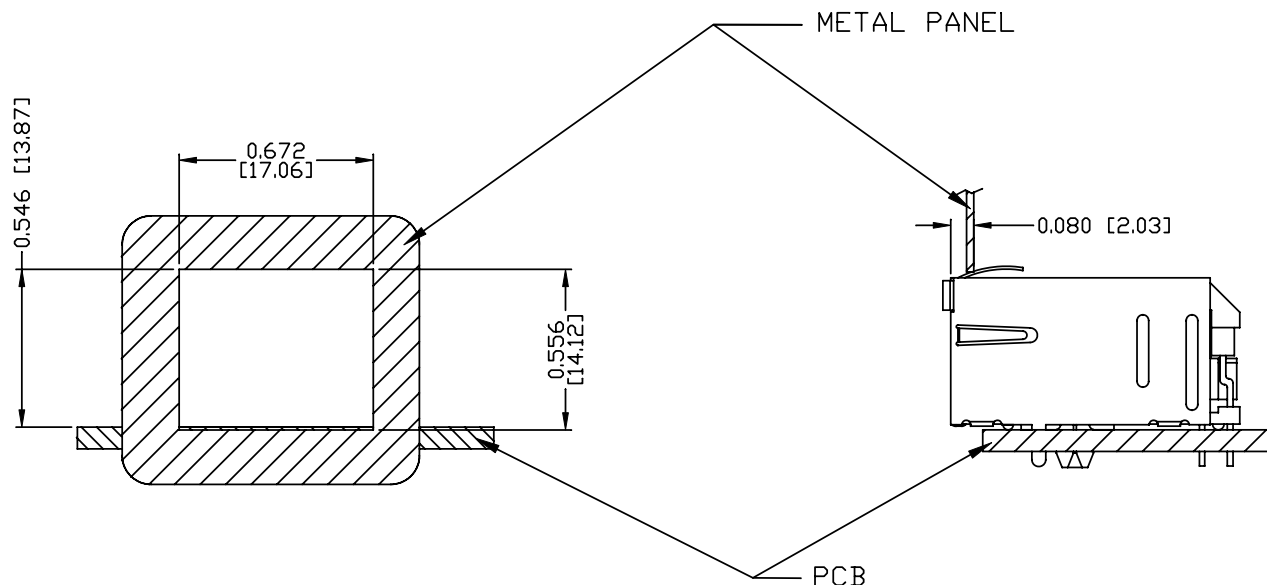


THE INFORMATION CONTAINED HEREIN IS CONSIDERED "PROPRIETARY" TO BEL FUSE INC. AND SHALL NOT BE COPIED, REPRODUCED OR DISCLOSED WITHOUT THE WRITTEN APPROVAL OF BEL FUSE INC.

RoHS



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)

ORIGINATED BY		DATE	TITLE MagJack® (4 Cores, MDIX, CM Termination) 08B0-1G1T-06-F PATENTED	PART NO. / DRAWING NO. 08B01G1T06-F		STANDARD DIM. TOL. IN INCH		[] METRIC DIM. AS REFERENCE		 COMPONENTS FOR A CONNECTED PLANET
ANTON LIAO		2012-07-09		FILE NAME		.X		UNIT : INCH [mm]	REV. : B	
DRAWN BY		DATE		08B01G1T-06-F		.XX		SCALE : N/A	SIZE : A4	
HE ZHEN		2012-07-09		08B01G1T06-F_B.DWG		.XXX	±0.004		PAGE : 5	

bel
COMPONENTS FOR A
CONNECTED
PLANET