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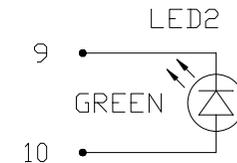
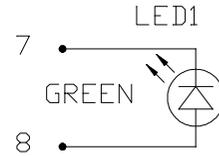
RoHS



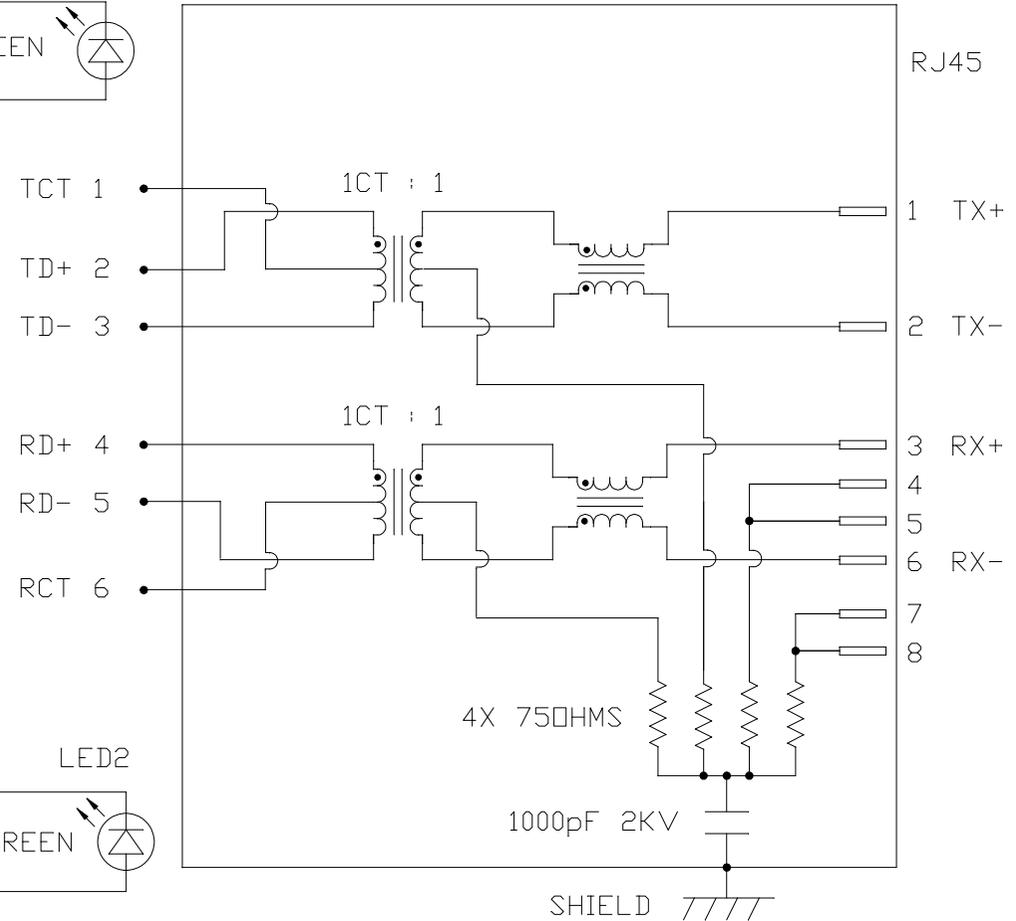
LED1 POLARITY			LED2 POLARITY		
PIN 7	PIN 8	COLOR	PIN 9	PIN 10	COLOR
-	+	GREEN	-	+	GREEN

ELECTRICAL CHARACTERISTICS @ 25°C

TRANS RATIO					
TX	1CT : 1				
RX	1CT : 1				
OCL @ 100kHz/100mVRMS		350µH MIN.			
8mA DC BIAS					
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			
LED 1 & LED 2					
VF (FORWARD VOLTAGE)	IF=20mA	GREEN	2.2V TYP.		
λD (DOMINANT WAVELENGTH)	IF=20mA	GREEN	570nm TYP.		



SCHEMATIC



ORIGINATED BY
CHOW WANCHUNG
DATE 2014-01-07

DRAWN BY
HU XIANG
DATE 2014-01-07

TITLE
MagJack®
(4 Cores, MDIX, CM Termination)

08B0-1G1T-36-F
PATENTED

PART NO. / DRAWING NO.
08B01G1T36-F

FILE NAME
08B01G1T36-F_B.DWG

STANDARD DIM.
TOL. IN INCH

[] METRIC DIM.
AS REF.

.X
.XX
.XXX

UNIT : INCH [mm]
SCALE : N/A
SIZE : A4

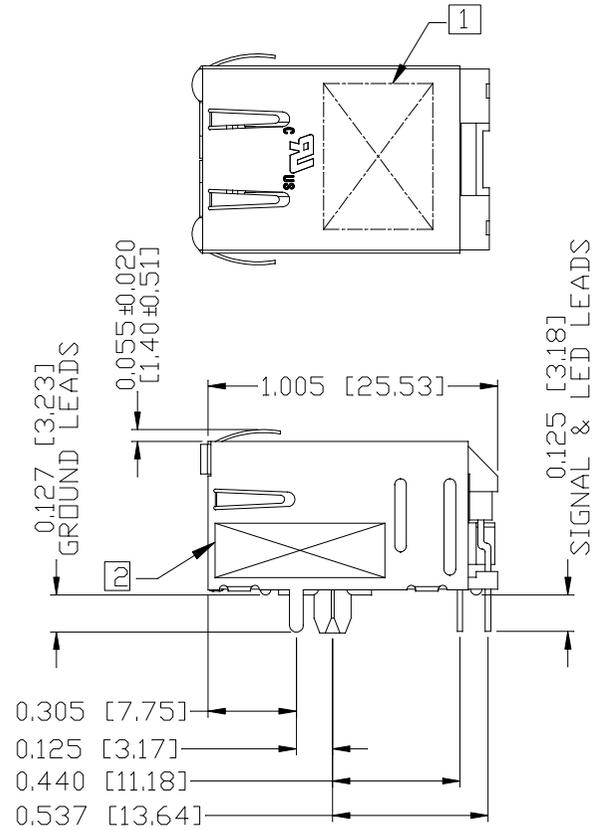
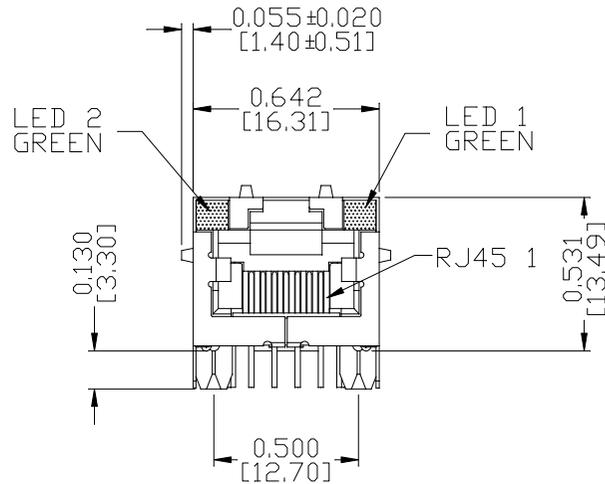
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MECHANICAL SPECIFICATION

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.
(ALL GROUND LEADS ARE SOLDER DIPPED)

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

UL UL RECOGNIZED - FILE #E196366 AND E169987.

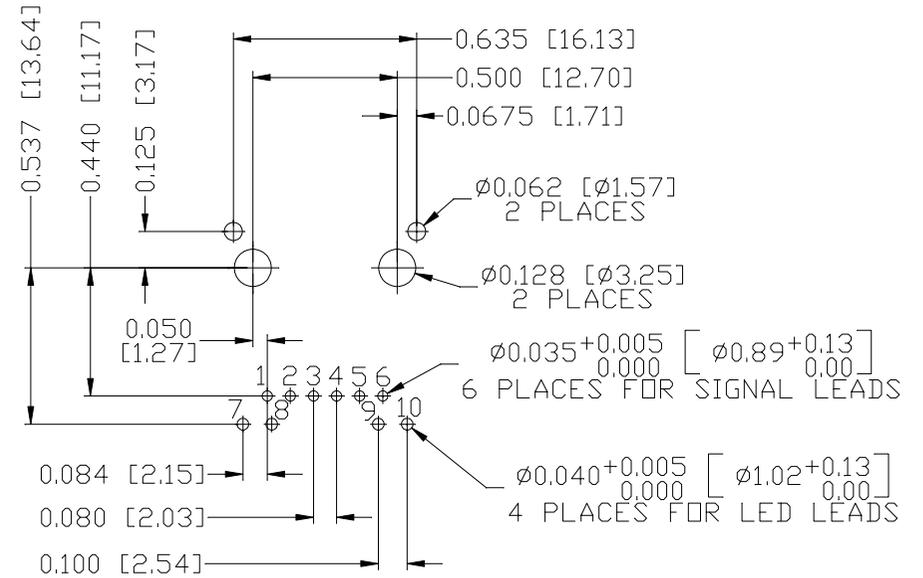
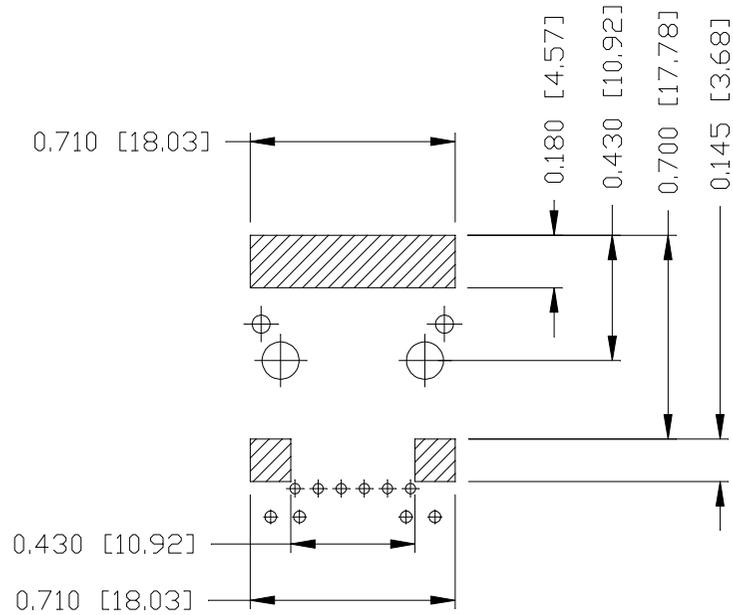
ORIGINATED BY ANTON LIAO DATE 2014-01-07	TITLE MagJack® (4 Cores, MDIX, CM Termination)	PART NO. / DRAWING NO. 08B01G1T36-F	STANDARD DIM. TOL. IN INCH	[] METRIC DIM. AS REF.	REV. : B	PAGE : 3
DRAWN BY JESSE LI DATE 2014-01-07	08B0-1G1T-36-F PATENTED	FILE NAME 08B01G1T36-F_B.DWG	.X	UNIT : INCH [mm]		
			.XX	SCALE : N/A		
			.XXX ±0.010	SIZE : A4		

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RoHS



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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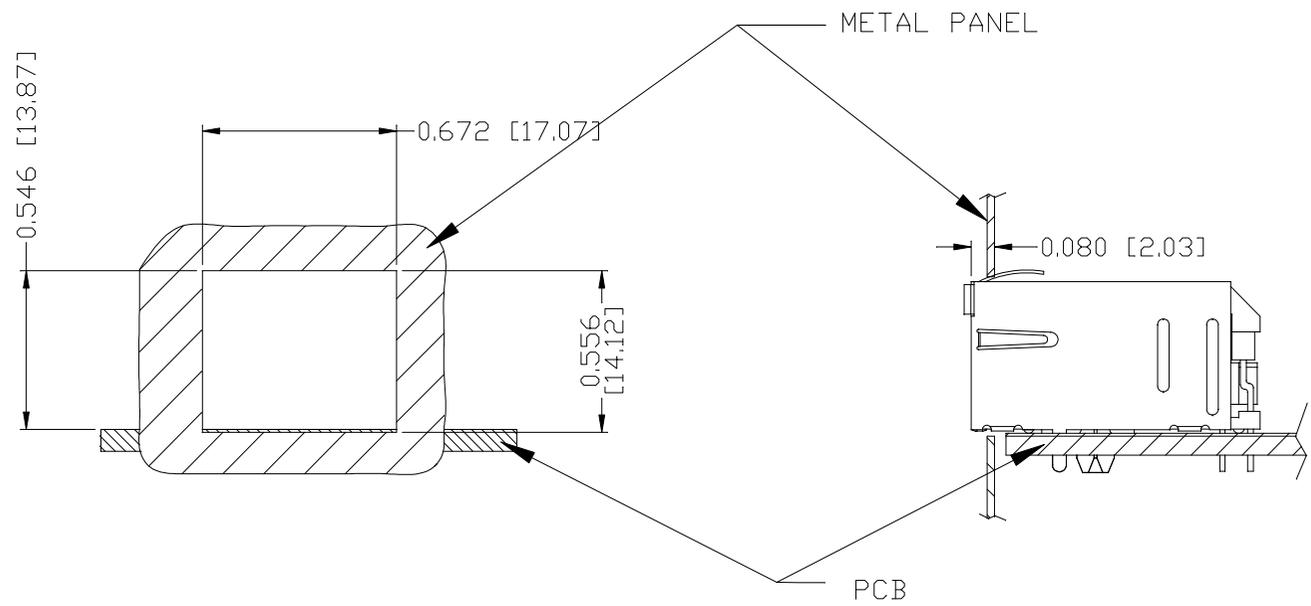
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DRAWN BY JESSE LI DATE 2014-01-07	08B0-1G1T-36-F PATENTED	FILE NAME 08B01G1T36-F_B.DWG	±0.004	UNIT : INCH [mm] SCALE : N/A SIZE : A4



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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)

REV. : B PAGE : 5

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ANTON LIAO
DATE 2014-01-07
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DATE 2014-01-07

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PATENTED

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.X	UNIT : INCH [mm]
.XX	SCALE : N/A
.XXX ±0.004	SIZE : A4



Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Bel:

[08B0-1G1T-36-F](#)