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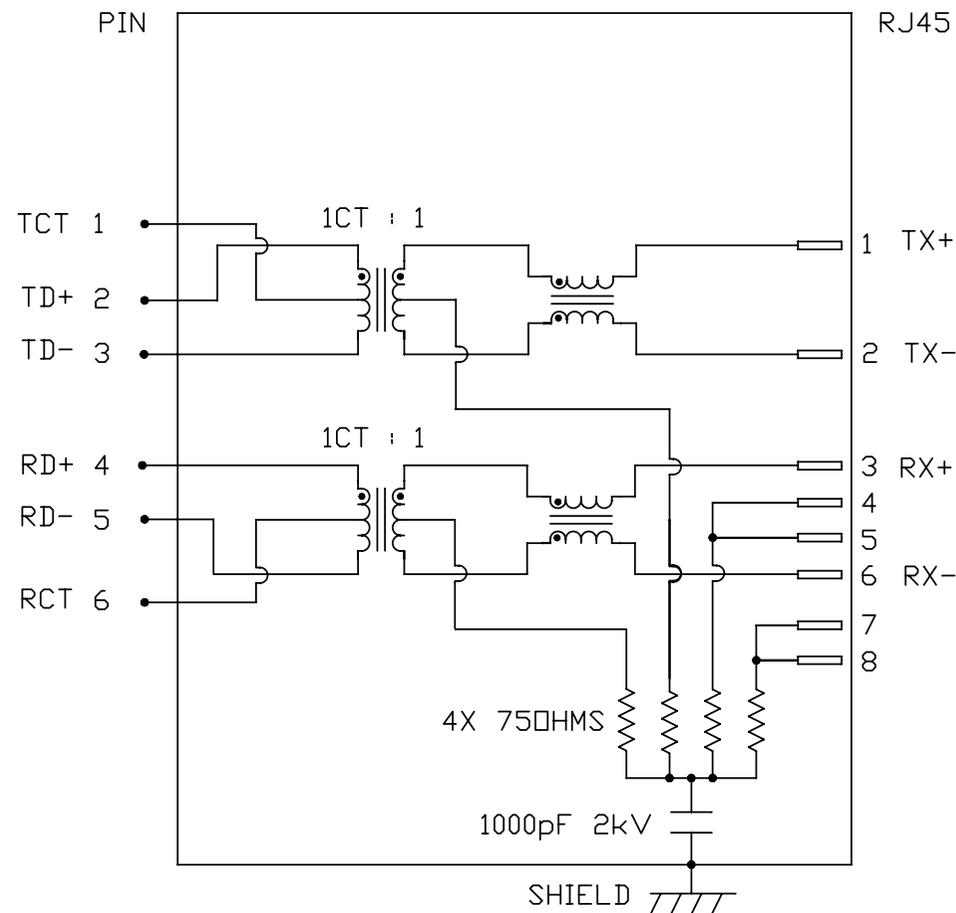
RoHS



ELECTRICAL CHARACTERISTICS @ 25°C

<p> URNS 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 $-18+20\text{LOG}(F/30\text{MHz})$ dB 60MHz-80MHz -12 dB CROSS TALK (TX - RX) 500kHz-100MHz -35 dB MIN CM TO CM REJ 100kHz-100MHz -30 dB MIN CM TO DM REJ 100kHz-100MHz -40 dB MIN HIPOT (Isolation Voltage): 100% OF PRODUCTION TESTED TO COMPLY WITH IEEE 802.3 ISOLATION REQUIREMENTS. 1500 Vrms OPERATING TEMPERATURE: -40 TO +85°C </p>
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SCHEMATIC



ORIGINATED BY	DATE
CHOW WANCHUNG	2012-08-03
DRAWN BY	DATE
TAN QIGUANG	2012-08-03

TITLE
MagJack® (Extend Temp. AND 4 CORE WITH CM terminal) 08B1-1X1T-36-F PATENTED

PART NO. / DRAWING NO.
08B11X1T36-F
FILE NAME
08B11X1T36-F_D.DWG

STANDARD DIM.
TOL. IN INCH
.X
.XX
.XXX

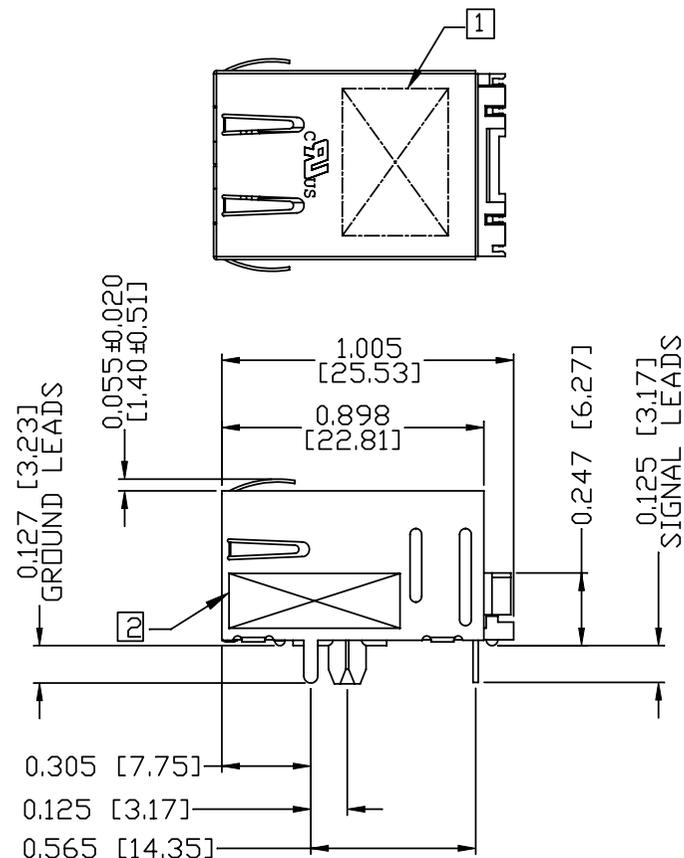
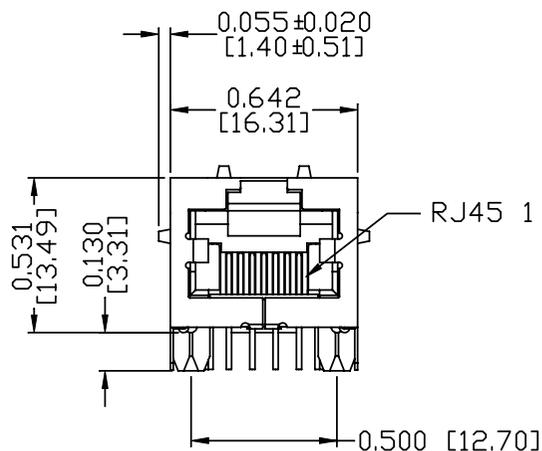
[] METRIC DIM. AS REFERENCE
UNIT : INCH [mm]
SCALE : N/A
REV. : D
SIZE : A4
PAGE : 2



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MECHANICAL SPECIFICATION

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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)

- MARK PART WITH MFG LOGO, MFG NAME, PART NUMBER, AND DATE CODE.
- "PATENTED" MARKING.

- c UL RECOGNIZED - FILE #E196366 AND E169987.
- 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.

ORIGINATED BY ANTON LIAO	DATE 2012-08-03	TITLE MagJack® (Extend Temp. AND 4 CORE WITH CM terminal)	PART NO. / DRAWING NO. 08B11X1T36-F	STANDARD DIM. TOL. IN INCH	[] METRIC DIM. AS REFERENCE	
DRAWN BY HE ZHEN	DATE 2012-08-03		FILE NAME 08B11X1T36-F_D.DWG	.X .XX .XXX	UNIT : INCH [mm] SCALE : N/A 	REV. : D SIZE : A4 PAGE : 3

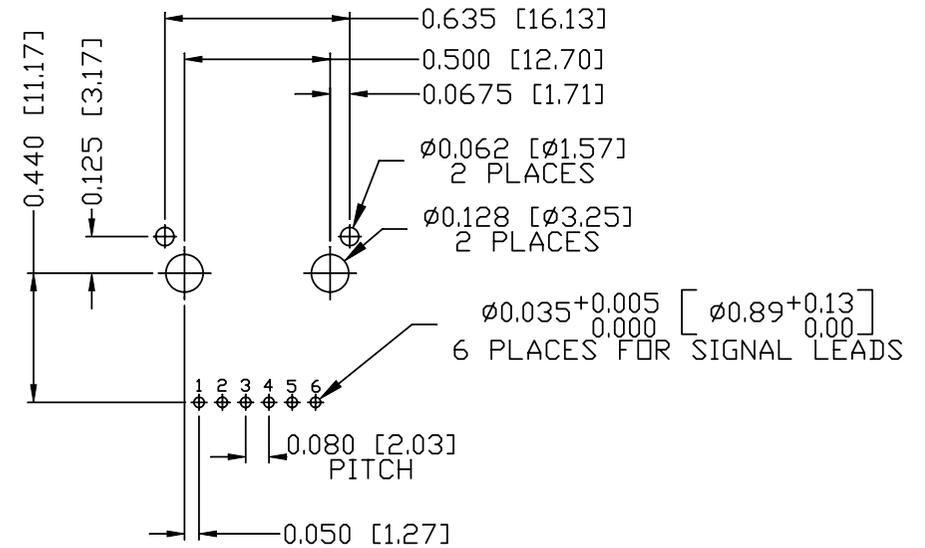
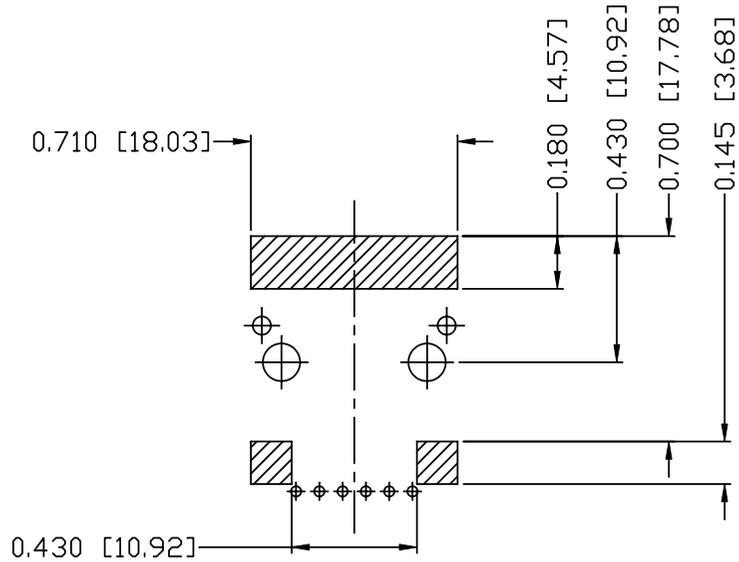


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RECOMMENDED PCB FOOTPRINT
COMPONENT SIDE VIEW



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	2012-08-03	MagJack © (Extend Temp. AND 4 CORE WITH CM terminal)	08B11X1T36-F	TOL. IN INCH	UNIT : INCH [mm]	REV. : D
DRAWN BY	DATE	08B1-1X1T-36-F PATENTED	FILE NAME	.X	SCALE : N/A	SIZE : A4
HE ZHEN	2012-08-03		08B11X1T36-F_D.DWG	.XX		PAGE : 4
				.XXX	± 0.004	

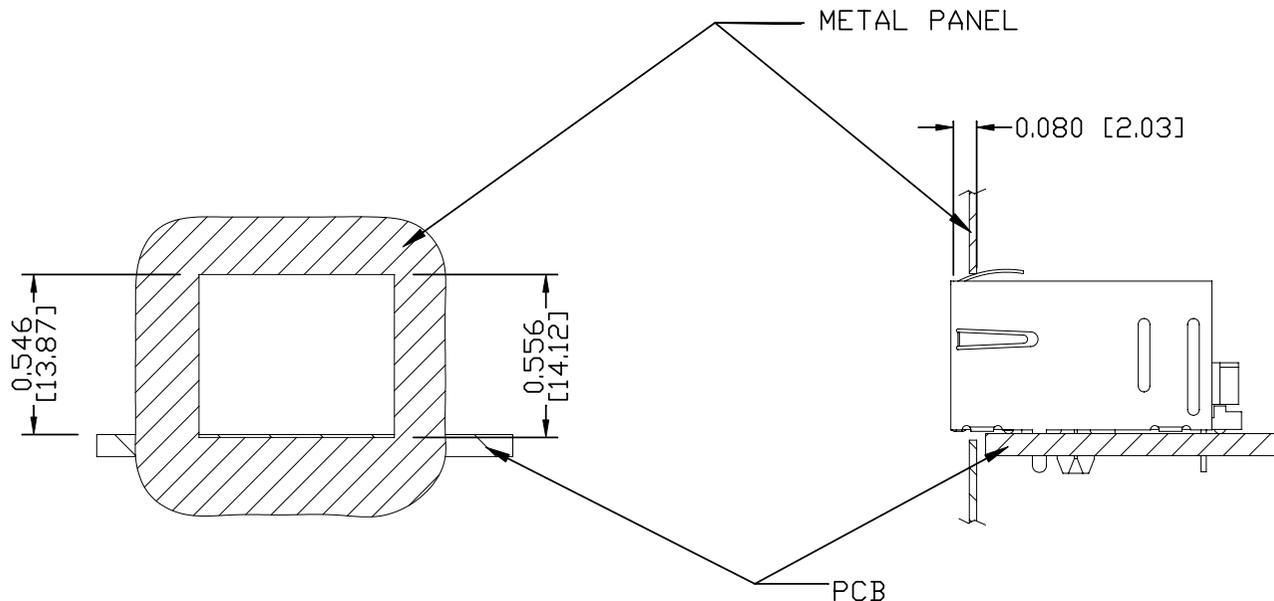


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SUGGESTED PANEL OPENING



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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HE ZHEN	2012-08-03		08B11X1T36-F_D.DWG	.XXX ±0.004		PAGE : 5



Mouser Electronics

Authorized Distributor

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Bel:

[08B1-1X1T-36-F](#)