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RoHS



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

**ELECTRICAL CHARACTERISTICS @ 25°C**

**TURNS RATIO**

TX	1CT : 1
RX	1CT : 1
OCCL @ 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
100% OF PRODUCTION TESTED TO COMPLY WITH IEEE 802.3 ISOLATION REQUIREMENTS	

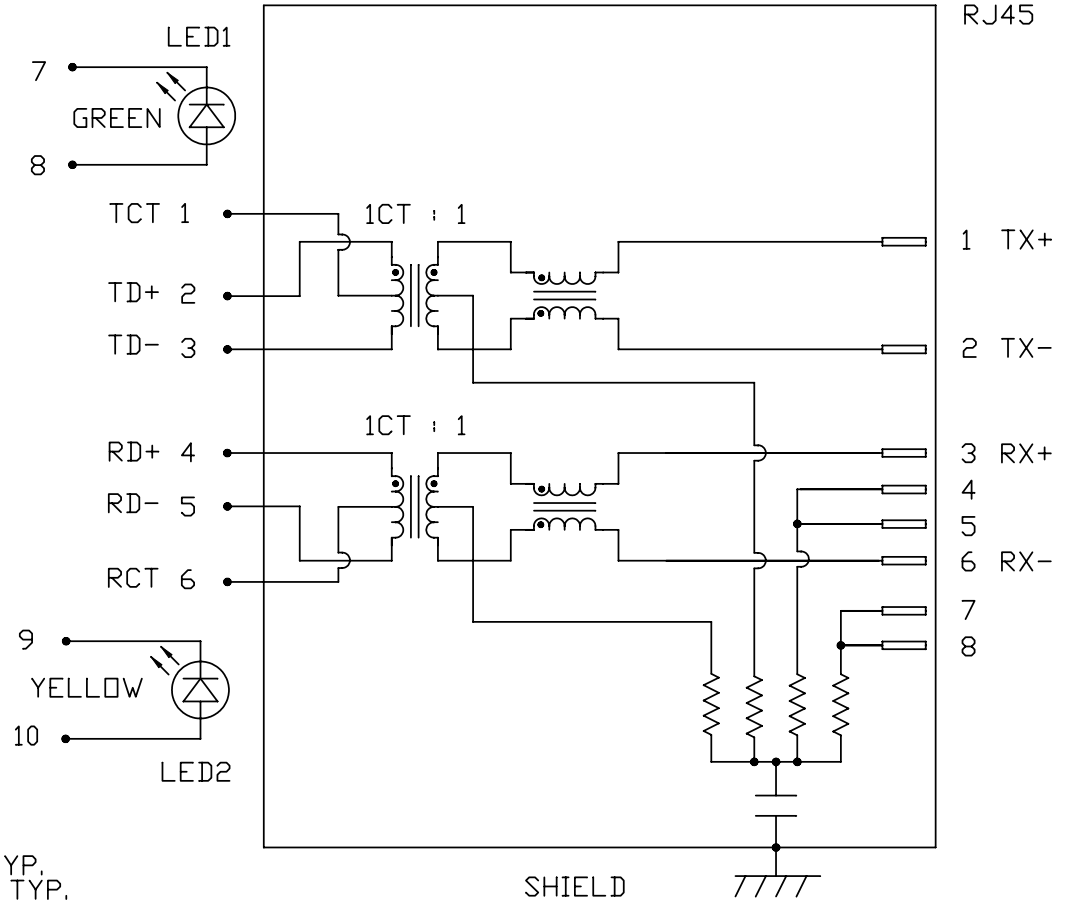
**LED 1**

VF (FORWARD VOLTAGE)	IF=20mA GREEN	2.2V TYP.
λD (DOMINANT WAVELENGTH)	IF=20mA GREEN	565nm TYP.

**LED 2**

VF (FORWARD VOLTAGE)	IF=20mA YELLOW	2.1V TYP.
λD (DOMINANT WAVELENGTH)	IF=20mA YELLOW	590nm TYP.

**SCHEMATIC**

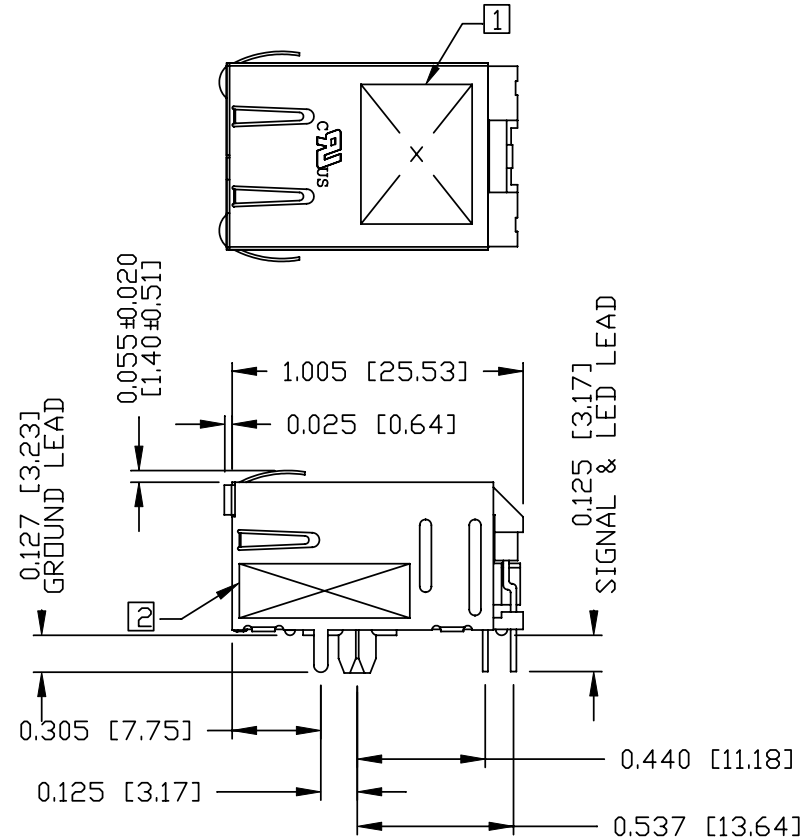
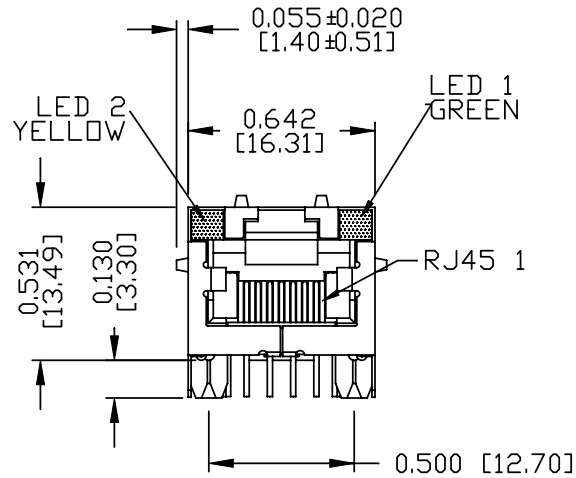


ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM.	[ ] METRIC DIM. AS REFERENCE	 COMPONENTS FOR A CONNECTED PLANET	
CHOW WANCHUNG	2012-07-09	MagJack® (4 Cores, MDIX, CM Termination)	08B01D1T06-F	TOL. IN INCH	UNIT : INCH [mm]		REV. : C
DRAWN BY	DATE	08B0-1D1T-06-F PATENTED	FILE NAME	.X .XX .XXX	SCALE : N/A		SIZE : A4
TAN QIGUANG	2012-07-09		08B01D1T06-F_C.DWG			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.
- ☐ MARK PART WITH MFG LOGO, MFG NAME, PART NUMBER AND DATE CODE.
- ☑ "PATENTED" MARKING.

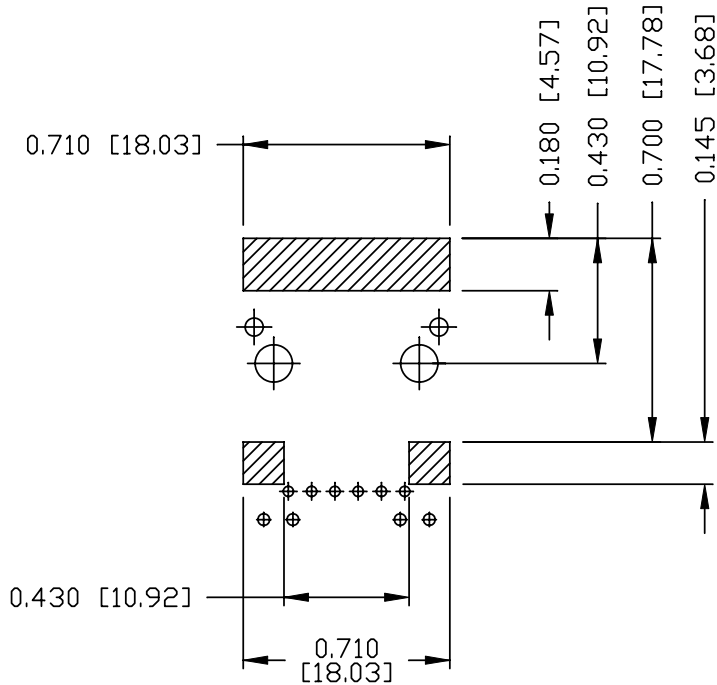
- 3. THE PRODUCT IS RoHS COMPLIANT.
- 4. JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS, PART 68 SUBPART F.
- 5. THE PRODUCT IS PATENTED. THE PATENT NUMBER IS U.S. PAT. 5,736,910.

c UL RECOGNIZED - FILE #E196366 AND E169987.

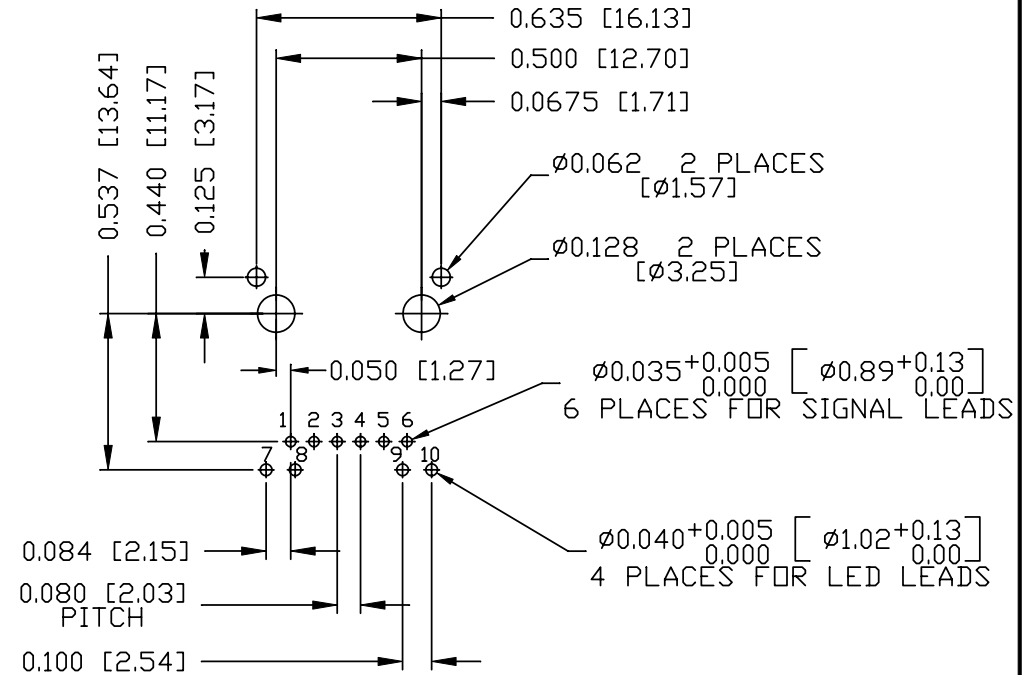
ORIGINATED BY ANTON LIAD	DATE 2012-07-09	TITLE MagJack® (4 Cores, MDIX, CM Termination)	PART NO. / DRAWING NO. 08B01D1T06-F	STANDARD DIM.		[ ] METRIC DIM. AS REFERENCE		
				TOL. IN INCH		UNIT : INCH [mm]	REV. : C	
DRAWN BY HE ZHEN	DATE 2012-07-09	08B0-1D1T-06-F PATENTED	FILE NAME 08B01D1T06-F_C.DWG	.X	/	SCALE : N/A	SIZE : A4	PAGE : 3
				.XX				
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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.

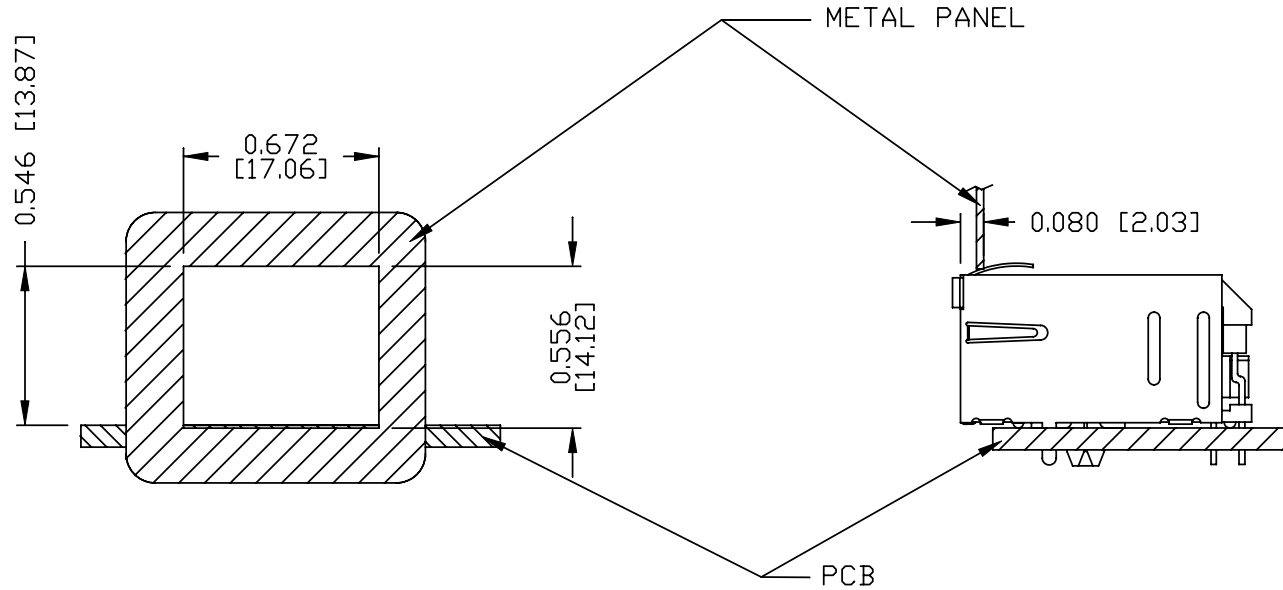
ORIGINATED BY ANTON LIAO	DATE 2012-07-09	TITLE MagJack® (4 Cores, MDIX, CM Termination)	PART NO. / DRAWING NO. 08B01D1T06-F	STANDARD DIM. TOL. IN INCH	[ ] METRIC DIM. AS REFERENCE	 COMPONENTS FOR A CONNECTED PLANET	
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				.XXX ±0.004			PAGE : 4

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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)

ORIGINATED BY ANTON LIAD	DATE 2012-07-09	TITLE MagJack® (4 Cores, MDIX, CM Termination)	PART NO. / DRAWING NO. 08B01D1T06-F	STANDARD DIM.		[ ] METRIC DIM. AS REFERENCE	
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				.XX			
				.XXX			
						PAGE : 5	 COMPONENTS FOR A CONNECTED PLANET

## Данный компонент на территории Российской Федерации

### Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

### Офис по работе с юридическими лицами:

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