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RoHS



ELECTRICAL CHARACTERISTICS @ 25°C

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

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)

100kHz-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):

1500 Vrms
100% OF PRODUCTION TESTED TO COMPLY WITH IEEE 802.3 ISOLATION REQUIREMENTS.

LED 1

VF (FORWARD VOLTAGE) IF=20mA YELLOW 2.1V TYP.

λD (DOMINANT WAVELENGTH) IF=20mA YELLOW 590nm TYP.

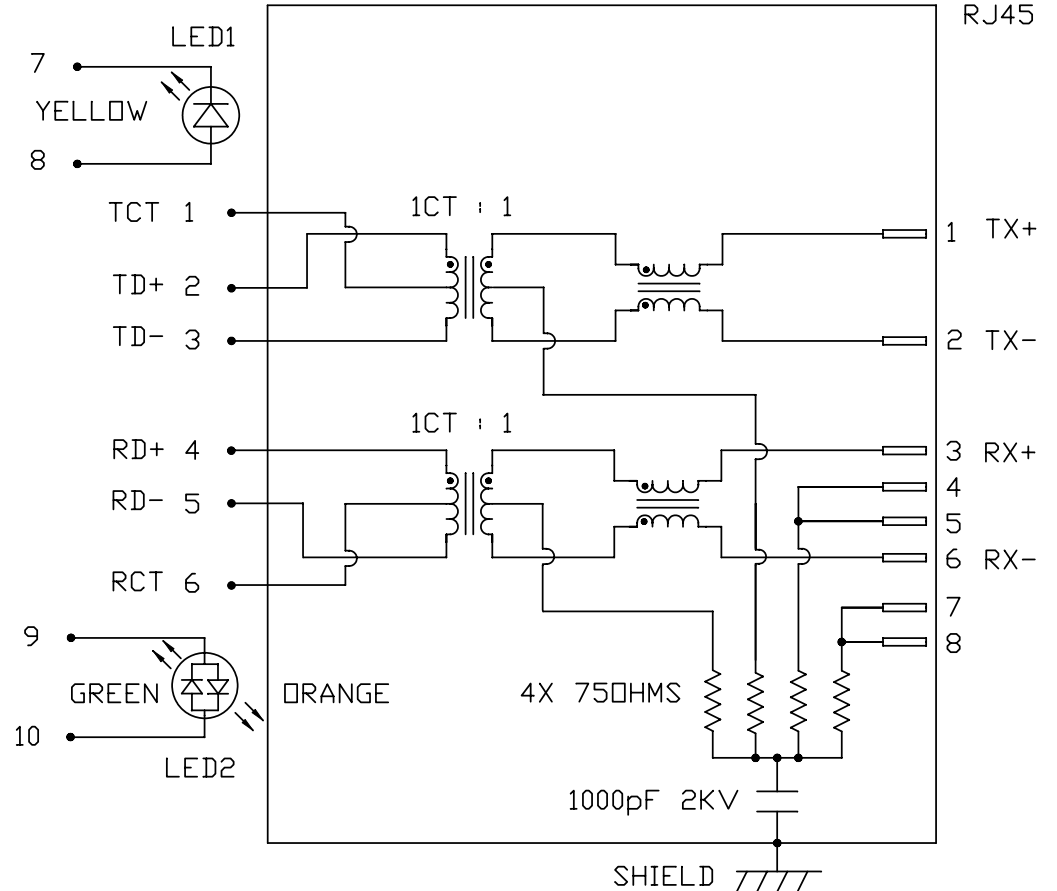
LED 2

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

ORANGE 2.0V TYP.

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

ORANGE 610nm TYP.



USB ELECTRICAL:

INSULATION RESISTANCE: 1000 MEG Ω (MIN)

CONTACT RESISTANCE: 25 MILLI Ω (MAX)

DIELECTRIC WITHSTANDING: 750 VAC

ORIGINATED BY	DATE	TITLE
CHOW WANCHUNG	2012-07-09	MagJack® Combo (CM Termination) PATENTED
DRAWN BY	DATE	
TAN QIGUANG	2012-07-09	

PART NO. / DRAWING NO.	08C2-1X1T-36
FILE NAME	08C2-1X1T-36_C.DWG

STANDARD DIM. TOL. IN INCH	[] METRIC DIM. AS REFERENCE
.X	UNIT : INCH [mm] REV. : C
.XX	SCALE : N/A SIZE : A4
.XXX	PAGE : 2

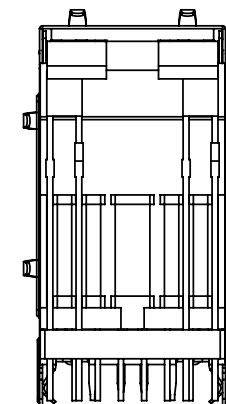
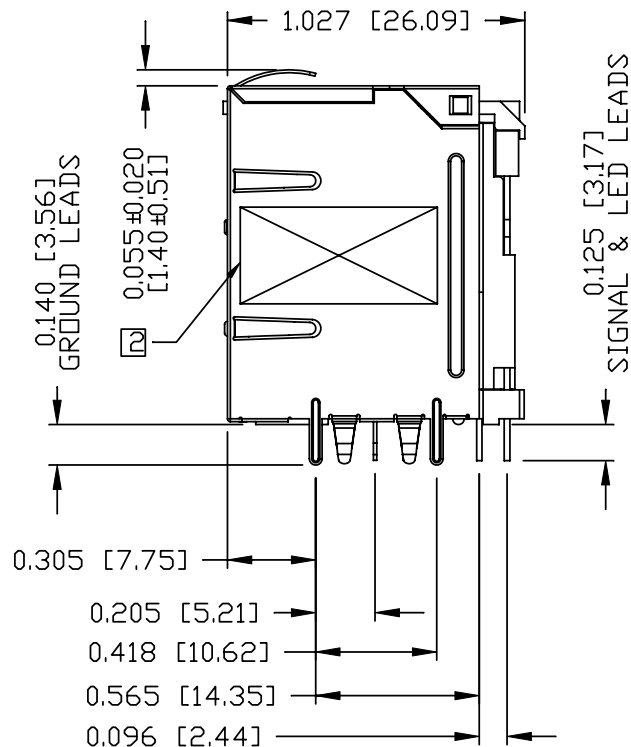
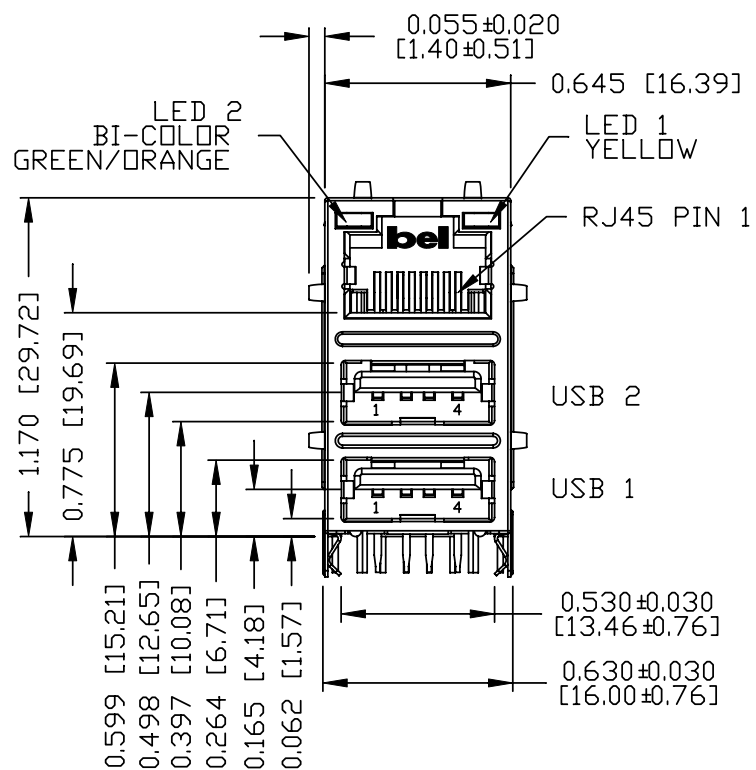
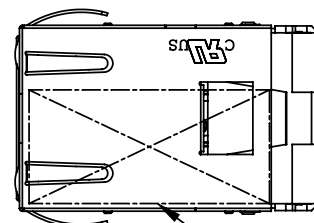
[] METRIC DIM. AS REFERENCE	
UNIT : INCH [mm]	REV. : C
SCALE : N/A	SIZE : A4
PAGE : 2	



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MECHANICAL SPECIFICATION

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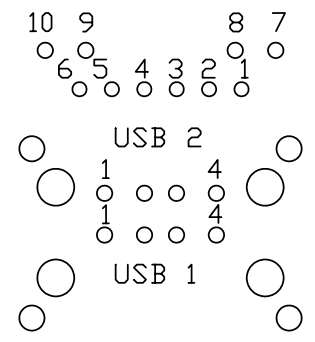
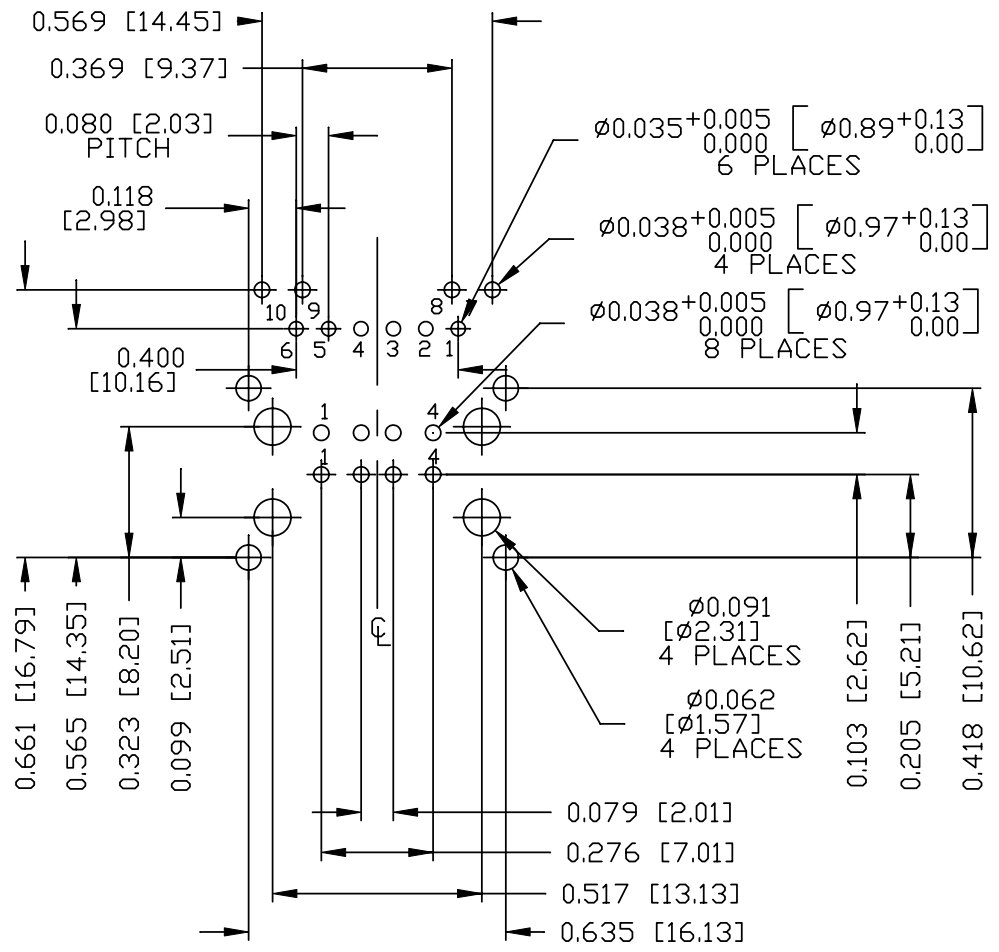
ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM. TOL. IN INCH	[] METRIC DIM. AS REFERENCE	<p>COMPONENTS FOR A CONNECTED PLANET</p>	
ANTON LIAO	2012-07-09	MagJack® Combo (CM Termination) PATENTED	08C2-1X1T-36	.X	UNIT : INCH [mm]		REV. : C
DRAWN BY	DATE		FILE NAME	.XX	SCALE : N/A		SIZE : A4
HE ZHEN	2012-07-09		08C2-1X1T-36_C.DWG	.XXX	±0.010		PAGE : 3

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Recommended PCB footprint
Component Side



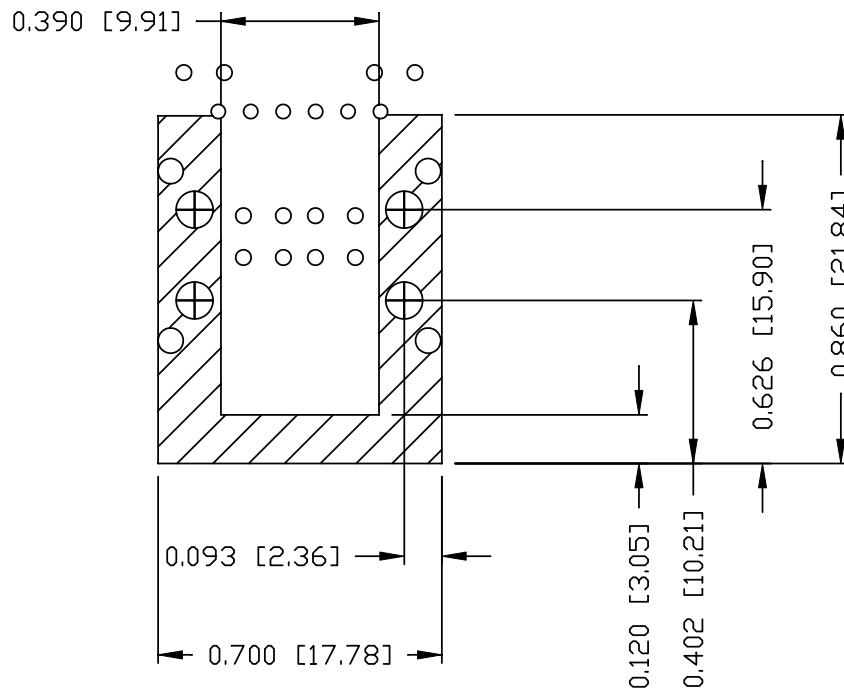
RJ45 MECHANICAL:
PLASTIC HOUSING: THERMOPLASTIC PBT OR EQUIVALENT. FLAMMABILITY RATING UL 94V-0
CONTACT PLATING: 30 MICRO-INCH HARD GOLD PLATING OR EQUIVALENT.
PINS: TIN-COATED COPPER WIRE, DIA 0.018 INCH.
METAL SHIELD: NICKEL PLATED ON COPPER ALLOY. (ALL GROUND LEADS ARE SOLDER DIPPED)
USB MECHANICAL:
MATING FORCE: 35 NEWTONS MAXIMUM
UNMATING FORCE: 10 NEWTONS MINIMUM
CONTACT: PHOSPHOR BRONZE
30 MICRO-INCH GOLD PLATING ON CONTACT AREA AND TIN ON SOLDER TAIL.

- RAI** USUL RECOGNIZED - FILE #E196366 AND E169987.
- MARK PART WITH MFG LOGO, MFG NAME, PART NUMBER AND DATE CODE.
 - "PATENTED" MARKING.
 - THE PRODUCT IS RoHS COMPLIANT.
 - JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS.
 - THE PRODUCT IS PATENTED. THE PATENT NUMBER IS U.S. PAT. 5,736,910.

ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM. TOL. IN INCH	[] METRIC DIM. AS REFERENCE	 COMPONENTS FOR A CONNECTED PLANET	
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DRAWN BY	DATE		FILE NAME	.XX	SCALE : N/A		SIZE : A4
HE ZHEN	2012-07-09		08C2-1X1T-36_C.DWG	.XXX	±0.004		PAGE : 4

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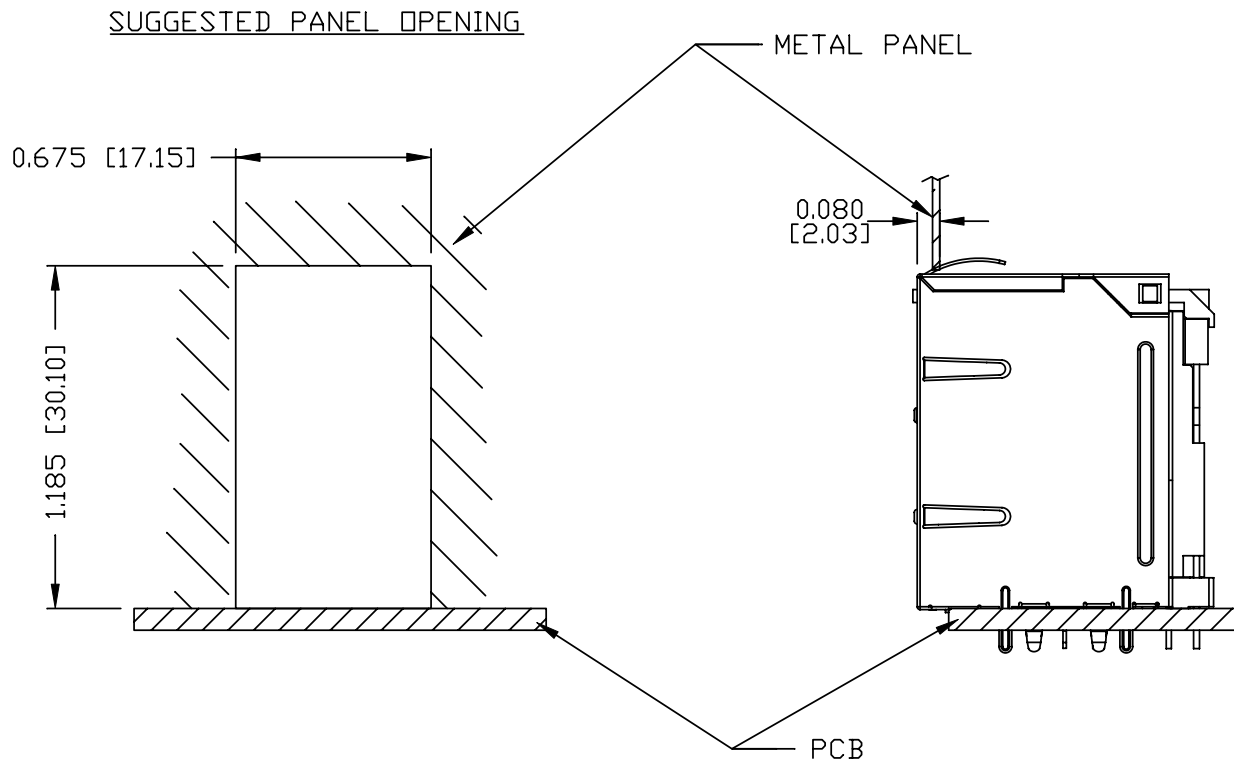
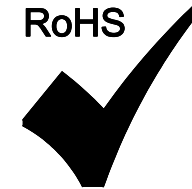
NOTES

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® Combo (CM Termination) PATENTED	PART NO. / DRAWING NO. 08C2-1X1T-36		STANDARD DIM. TOL. IN INCH		[] METRIC DIM. AS REFERENCE		bel COMPONENTS FOR A CONNECTED PLANET
			FILE NAME 08C2-1X1T-36_C.DWG		.X		UNIT : INCH [mm]	REV. : C	
DRAWN BY HE ZHEN	DATE 2012-07-09				.XX		SCALE : N/A	SIZE : A4	
					.XXX	±0.004		PAGE : 5	

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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-A3

PACKING QUANTITY : 42 PCS FINISHED GOODS PER TRAY

10 TRAYS (420 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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	DRAWN BY HE ZHEN			DATE 2012-07-09	FILE NAME 08C2-1X1T-36_C.DWG	.X .XX .XXX	UNIT : INCH [mm] SCALE : N/A ±0.004		

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:

105318, г.Москва, ул.Щербаковская д.3, офис 1107, 1118, ДЦ «Щербаковский»

Телефон: +7 495 668-12-70 (многоканальный)

Факс: +7 495 668-12-70 (доб.304)

E-mail: info@moschip.ru

Skype отдела продаж:

moschip.ru

moschip.ru_4

moschip.ru_6

moschip.ru_9