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LED 2 & 4 POLARITY			LED 1 & 3 POLARITY		
PIN 13	PIN 14	COLOR	PIN 15	PIN 16	COLOR
+	-	YELLOW	+	-	YELLOW
-	+	GREEN	-	+	GREEN



**ELECTRICAL CHARACTERISTICS @ 25°C**

**URNS RATIO**

TP1	1CT : 1CT ±2%
TP2	1CT : 1CT ±2%
TP3	1CT : 1CT ±2%
TP4	1CT : 1CT ±2%

**OCL @ 100kHz/100mVRMS**  
 FOR CHANNEL 1 AND CHANNEL 2  
 11mA DC BIAS 350µH MIN.  
 Compliant to IEEE 802.3at specification  
 FOR CHANNEL 3 AND CHANNEL 4  
 8mA DC BIAS 350µH MIN.

**INS. LOSS**

0.1MHz TO 1MHz	-1.1 dB MAX
1MHz TO 65MHz	-0.5 dB MAX
65MHz TO 100MHz	-0.8 dB MAX
100MHz TO 125MHz	-1.2 dB MAX

**RET. LOSS (MIN) @ 100ΩHMS ±15%**

0.5MHz-40MHz	-18 dB
40MHz-100MHz	-12+20LOG(f/80MHz) dB

**CM TO CM REJ**  
 100kHz - 100MHz -30 dB MIN

**CM TO DM REJ**  
 100kHz - 100MHz -35 dB MIN

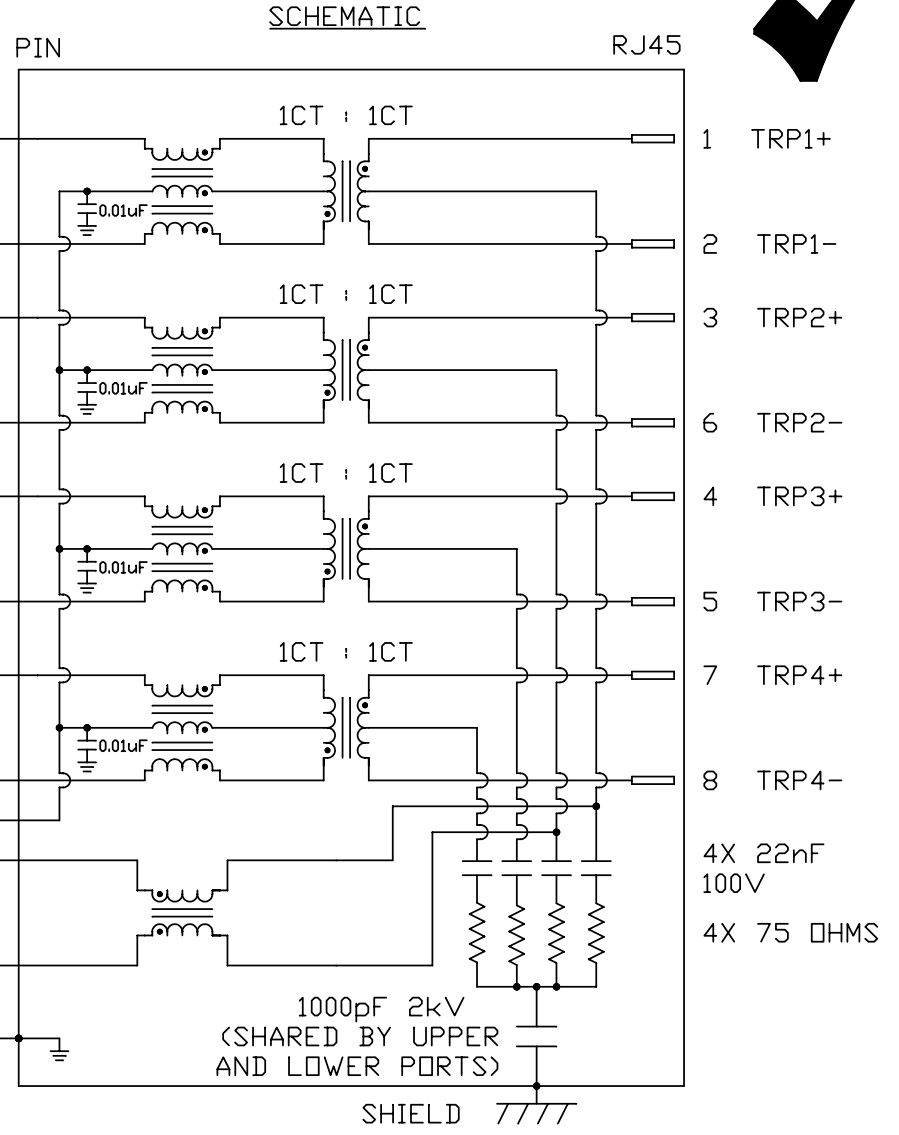
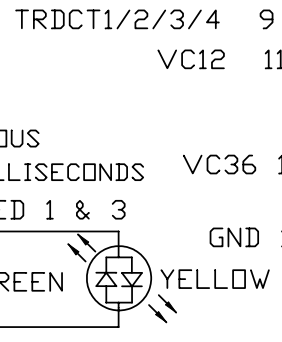
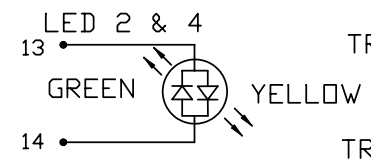
**HIPOT (Isolation Voltage):** 2250 VDC  
 100% OF PRODUCTION TESTED TO COMPLY WITH  
 IEEE 802.3 ISOLATION REQUIREMENTS.

**BALANCED DC LINE CURRENT** 720 mA MAX. @ 57 VDC CONTINUOUS  
 1.2A MAX. @ 57 VDC FOR 200 MILLISECONDS

**LED 1 & 2 & 3 & 4**

V <sub>F</sub> (FORWARD VOLTAGE)	IF=20mA GREEN 2.2V TYP.	LED 1 & 3
	YELLOW 2.1V TYP.	
λ <sub>D</sub> (DOMINANT WAVELENGTH)	IF=20mA GREEN 565nm TYP.	GREEN
	YELLOW 590nm TYP.	YELLOW

**OPERATING TEMPERATURE** -40°C TO +85°C



<b>ORIGINATED BY</b>	<b>DATE</b>
CHOW WANCHUNG	2011-12-01
<b>DRAWN BY</b>	<b>DATE</b>
TAN QIGUANG	2011-12-01

**TITLE** 2X4 gigabit MagJack®  
 PoEp  
 (WITH EXTENDED TEMPERATURE)  
 PATENTED

**PART NO. / DRAWING NO.**  
 0895-2C4R-GK

**FILE NAME**  
 0895-2C4R-GK\_A.DWG

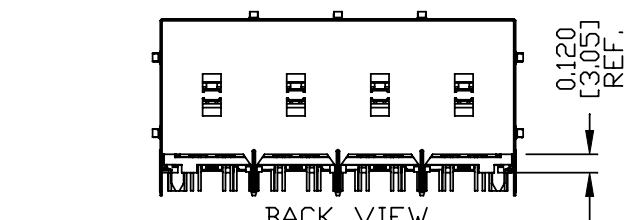
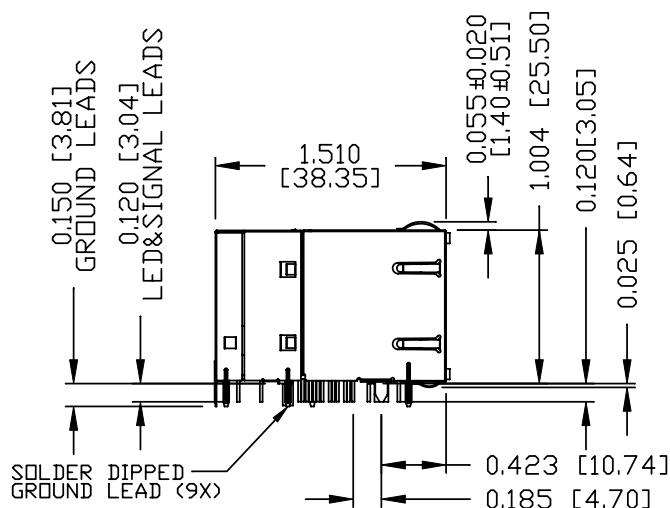
STANDARD DIM. TOL. IN INCH	
.X	
.XX	
.XXX	

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



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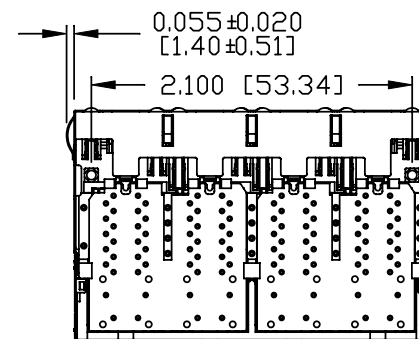
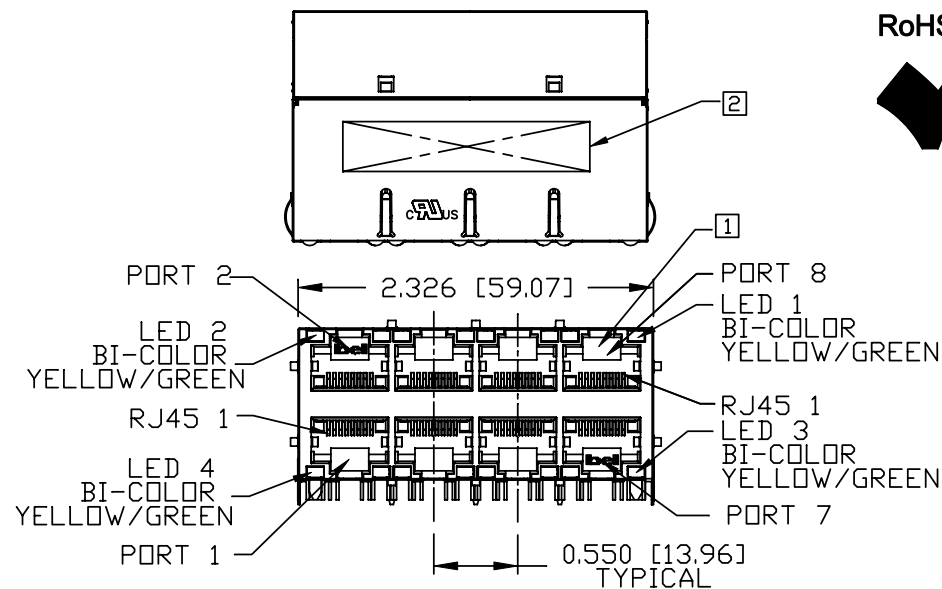
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NOTES:

PLASTIC HOUSING: THERMOPLASTIC PBT  
 FLAMMABILITY RATING UL 94V-0  
 CONTACT PLATING: 50 MICRO-INCH HARD GOLD PLATING  
 OUTPUT PINS: TIN-COATED COPPER WIRE, DIA 0.018 INCH.  
 METAL SHIELD: NICKEL PLATED ON COPPER ALLOY.  
 (ALL GROUND LEADS ARE SOLDER DIPPED)

- [1] JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS, PART 68 SUBPART F.
- [2] MARK PART WITH MFG LOGO, PART NUMBER, DATE CODE, MFG NAME AND PATENTED.



- 3. THE PRODUCT IS RoHS COMPLIANT.
- cULus UL RECOGNIZED - FILE #E196366 AND E169987.
- 4. REVERSED POLARITY OF GENERAL 'C' LED.
- 5. THE PRODUCT IS PATENT PRODUCT. THE PATENT NUMBER ARE U.S. PAT. 5,736,910 AND U.S. PAT. 6,840,817 AND U.S. PAT. 7,123,117.

ORIGINATED BY	DATE	TITLE 2X4 gigabit MagJack® PoEp (WITH EXTENDED TEMPERATURE) PATENTED	PART NO. / DRAWING NO.	STANDARD DIM. TOL. IN INCH	[ ] METRIC DIM. AS REFERENCE	
ANTON LIAD	2011-12-01		0895-2C4R-GK	.X	UNIT : INCH [mm]	REV. : A
DRAWN BY	DATE		FILE NAME	.XX	SCALE : N/A	
JESSE LI	2011-12-01		0895-2C4R-GK_A.DWG	.XXX	±0.010	SIZE : A4
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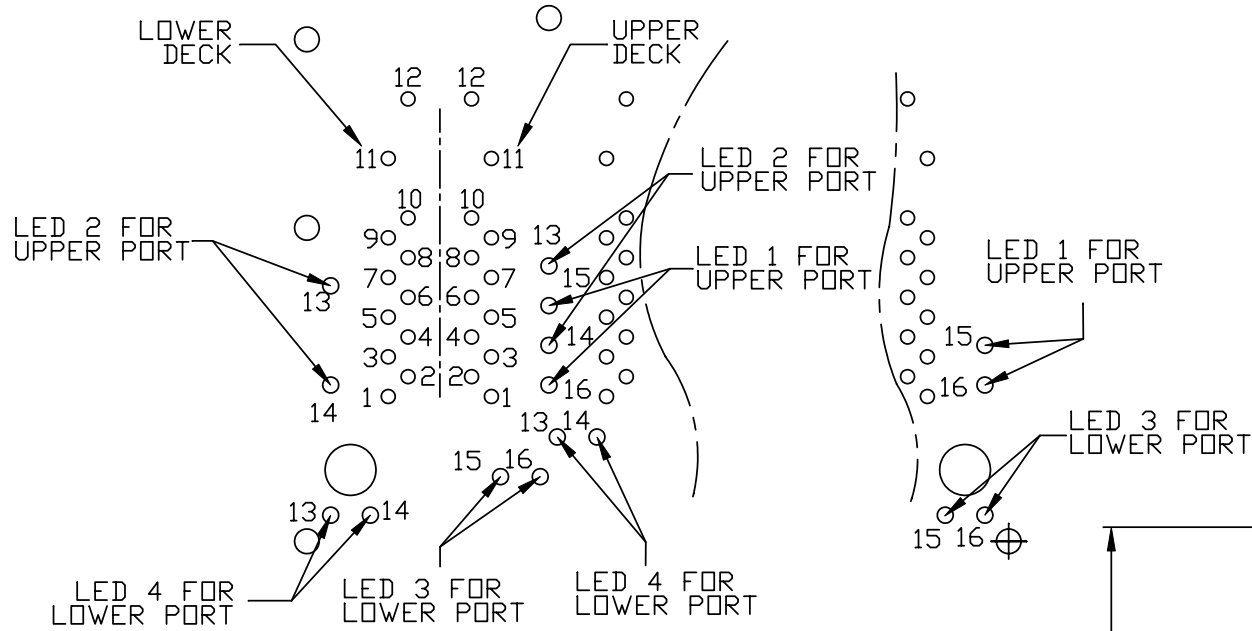
DC002(2)081111

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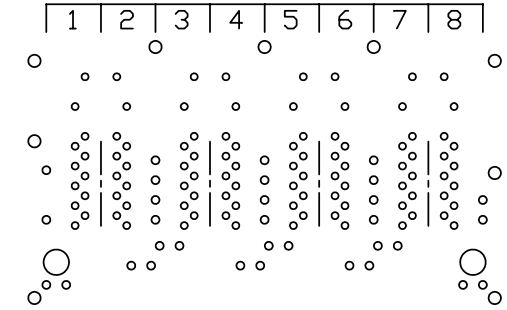


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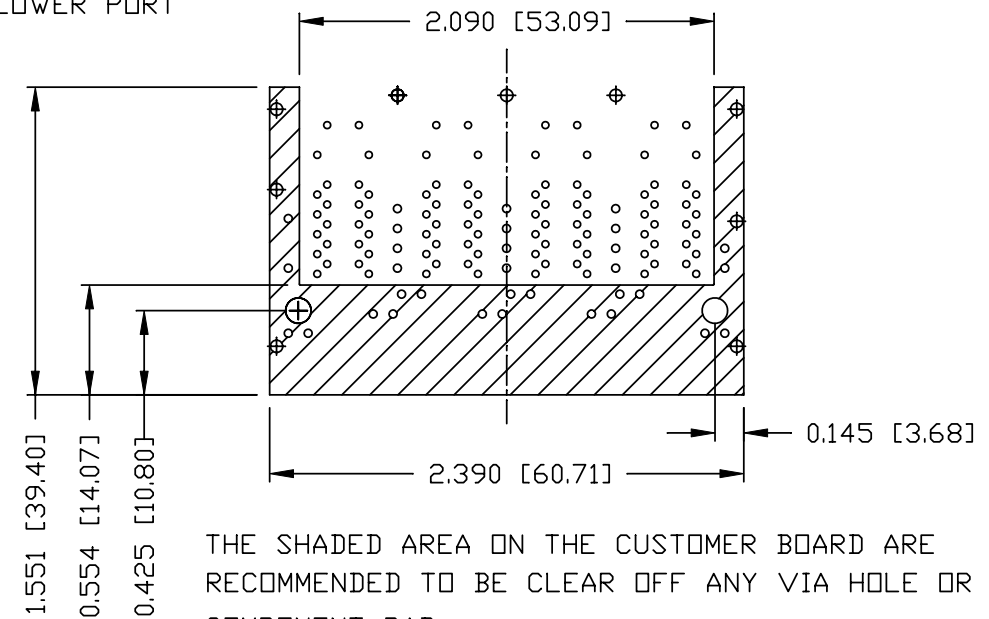


PORT ASSIGNMENT  
(COMPONENT SIDE VIEW)



PIN-OUT INFORMATION  
(COMPONENT SIDE VIEW)

10	GND		
9	TRDCT1/2/3/4		
8	TRD 4+		
7	TRD 4-		
6	TRD 3+	16	YEL(-) GRN(+)
5	TRD 3-	15	YEL(+) GRN(-)
4	TRD 2+	14	YEL(-) GRN(+)
3	TRD 2-	13	YEL(+) GRN(-)
2	TRD 1+	12	VC36
1	TRD 1-	11	VC12



THE SHADED AREA ON THE CUSTOMER BOARD ARE RECOMMENDED TO BE CLEAR OFF ANY VIA HOLE OR COMPONENT PAD.

<b>ORIGINATED BY</b>	<b>DATE</b>
ANTON LIAD	2011-12-01
<b>DRAWN BY</b>	<b>DATE</b>
JESSE LI	2011-12-01

**TITLE** 2X4 glgabit MagJack®  
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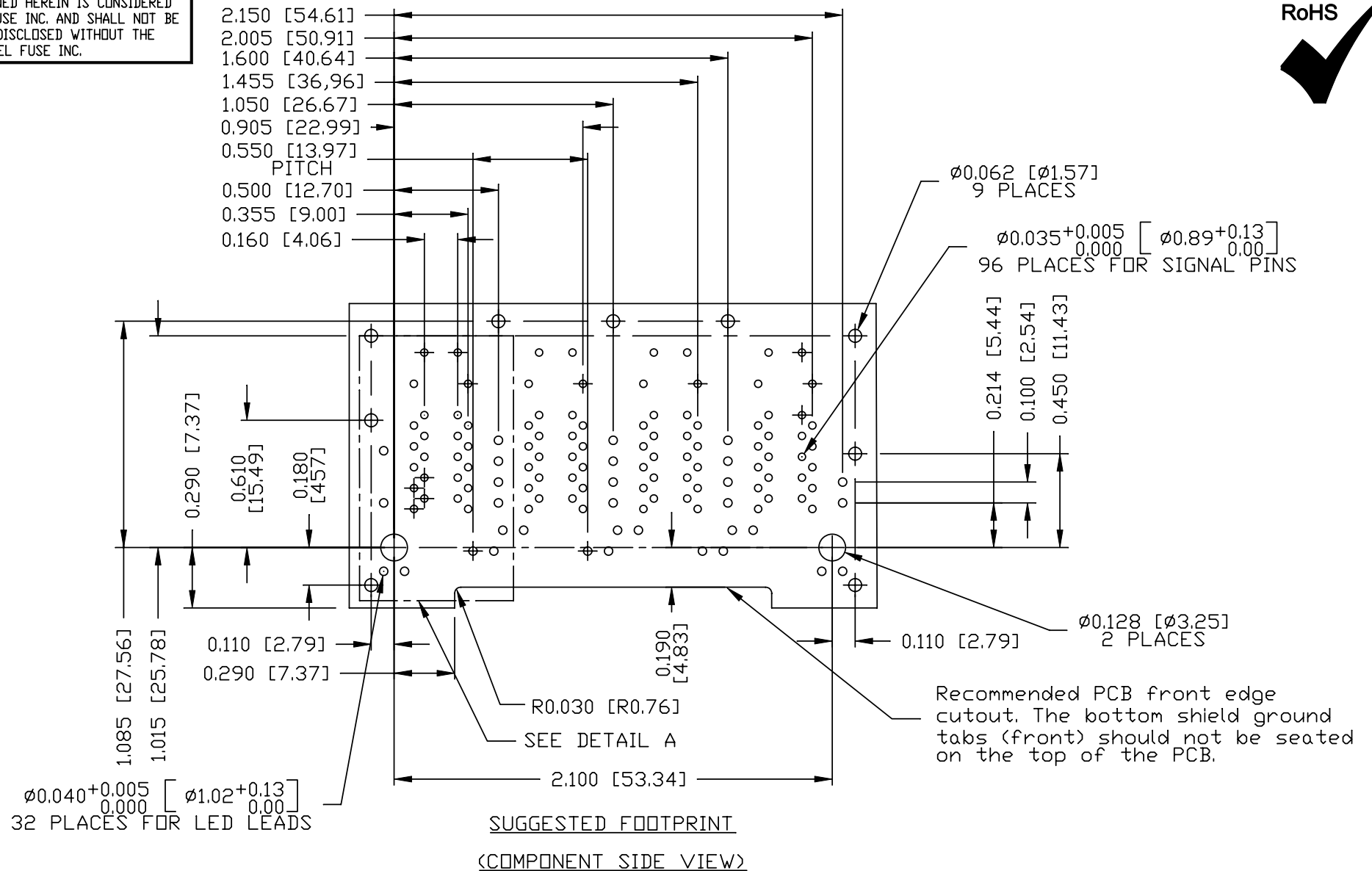
STANDARD DIM. TOL. IN INCH	
.X	
.XX	
.XXX	±0.004

[ ] METRIC DIM. AS REFERENCE	
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SUGGESTED FOOTPRINT  
(COMPONENT SIDE VIEW)

ORIGINATED BY ANTON LIAD	DATE 2011-12-01	TITLE 2X4 gigabit MagJack® PoEp (WITH EXTENDED TEMPERATURE) PATENTED	PART NO. / DRAWING NO. 0895-2C4R-GK		STANDARD DIM. TOL. IN INCH		[ ] METRIC DIM. AS REFERENCE		bel COMPONENTS FOR A CONNECTED PLANET
			FILE NAME 0895-2C4R-GK_A.DWG		.X		UNIT : INCH [mm]	REV. : A	
DRAWN BY JESSE LI	DATE 2011-12-01				.XX		SCALE : N/A	SIZE : A4	
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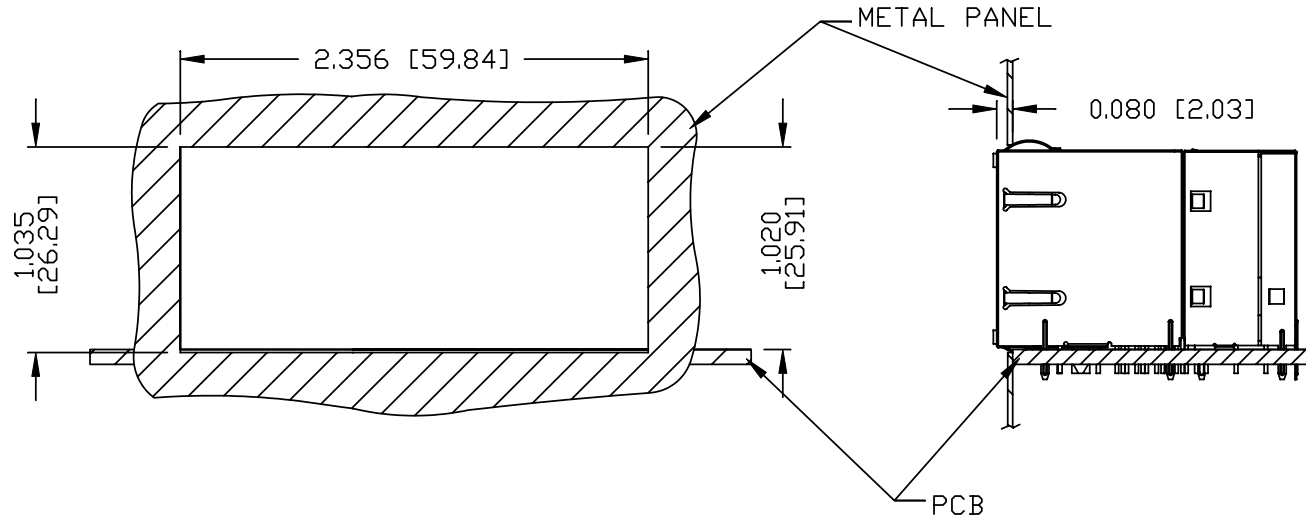


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SUGGESTED PANEL OPENING



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-G2 (TOP)  
0200-9999-G3 (BOTTOM)

PACKING QUANTITY : 20 PCS FINISHED GOODS PER TRAY  
5 TRAYS (100 PCS FINISHED GOODS) PER CARTON BOX

REMARK : CARDBOARDS ARE PLACED BETWEEN LAYERS OF PACKING TRAY INSIDE CARTON BOX  
(INCLUDE THE UPPERMOST AND LOWERMOST TRAY)

ORIGINATED BY ANTON LIAO	DATE 2011-12-01	TITLE 2X4 gigabit MagJack® PoEp (WITH EXTENDED TEMPERATURE) PATENTED	PART NO. / DRAWING NO. 0895-2C4R-GK		STANDARD DIM. TOL. IN INCH		[ ] METRIC DIM. AS REFERENCE		bel COMPONENTS FOR A CONNECTED PLANET
			FILE NAME 0895-2C4R-GK_A.DWG		.X		UNIT : INCH [mm]	REV. : A	
DRAWN BY JESSE LI	DATE 2011-12-01				.XX		SCALE : N/A	SIZE : A4	
					.XXX	±0.004		PAGE : 7	

Компания «Life Electronics» занимается поставками электронных компонентов импортного и отечественного производства от производителей и со складов крупных дистрибьюторов Европы, Америки и Азии.

С конца 2013 года компания активно расширяет линейку поставок компонентов по направлению коаксиальный кабель, кварцевые генераторы и конденсаторы (керамические, пленочные, электролитические), за счёт заключения дистрибьюторских договоров

Мы предлагаем:

- Конкуренеспособные цены и скидки постоянным клиентам.
- Специальные условия для постоянных клиентов.
- Подбор аналогов.
- Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.
- Приемлемые сроки поставки, возможна ускоренная поставка.
- Доставку товара в любую точку России и стран СНГ.
- Комплексную поставку.
- Работу по проектам и поставку образцов.
- Формирование склада под заказчика.
- Сертификаты соответствия на поставляемую продукцию (по желанию клиента).
- Тестирование поставляемой продукции.
- Поставку компонентов, требующих военную и космическую приемку.
- Входной контроль качества.
- Наличие сертификата ISO.

В составе нашей компании организован Конструкторский отдел, призванный помогать разработчикам, и инженерам.

Конструкторский отдел помогает осуществить:

- Регистрацию проекта у производителя компонентов.
- Техническую поддержку проекта.
- Защиту от снятия компонента с производства.
- Оценку стоимости проекта по компонентам.
- Изготовление тестовой платы монтаж и пусконаладочные работы.



Тел: +7 (812) 336 43 04 (многоканальный)

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