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RoHS



LED1 POLARITY			LED2 POLARITY		
PIN 13	PIN 14	COLOR	PIN 15	PIN 16	COLOR
-	+	YELLOW	+	-	ORANGE
			-	+	GREEN

ELECTRICAL CHARACTERISTICS @ 25°C

URNS RATIO

TP1	1CT : 1CT $\pm 2\%$
TP2	1CT : 1CT $\pm 2\%$
TP3	1CT : 1CT $\pm 2\%$
TP4	1CT : 1CT $\pm 2\%$

DCL @ 100kHz/100mVRMS

8mA DC BIAS 350 μ H 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)

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): 1500 Vrms or 2250VDC

100% OF PRODUCTION TESTED TO COMPLY
WITH IEEE 802.3 ISOLATION REQUIREMENT

OPERATING TEMPERATURE: -40 TO +85°C

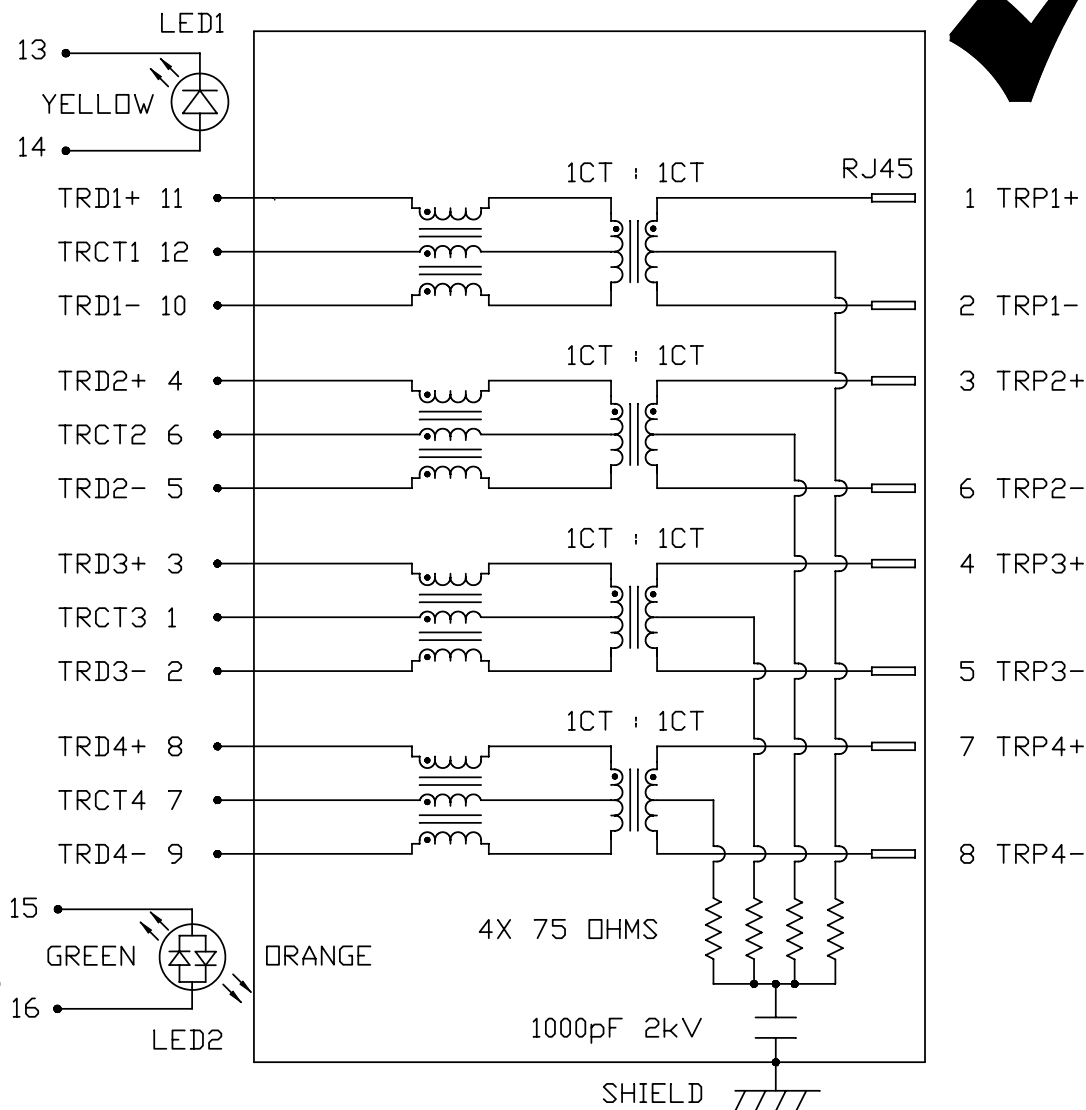
LED 1

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

LED 2

VF (FORWARD VOLTAGE)	IF=20mA	ORANGE	2.0V TYP.
	IF=20mA	GREEN	2.2V TYP.
λ D (DOMINANT WAVELENGTH)	IF=20mA	ORANGE	610nm TYP.
	IF=20mA	GREEN	565nm TYP.

SCHEMATIC



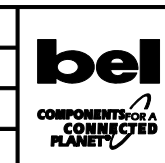
ORIGINATED BY	DATE
CHOW WANCHUNG	2012-07-24
DRAWN BY	DATE
TAN QIGUANG	2012-07-24

TITLE
gigabit MagJack® (Ext, Temp, Tab Up) 0826-1X1T-32-F PATENTED

PART NO. / DRAWING NO.
08261X1T32-F
FILE NAME
08261X1T32-F_D.DWG

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

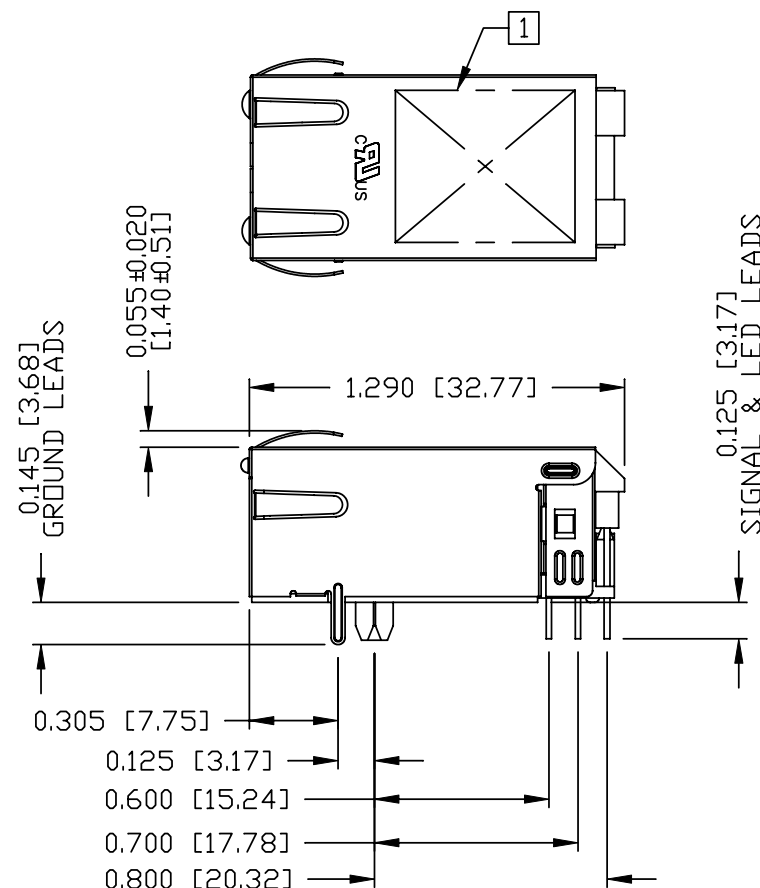
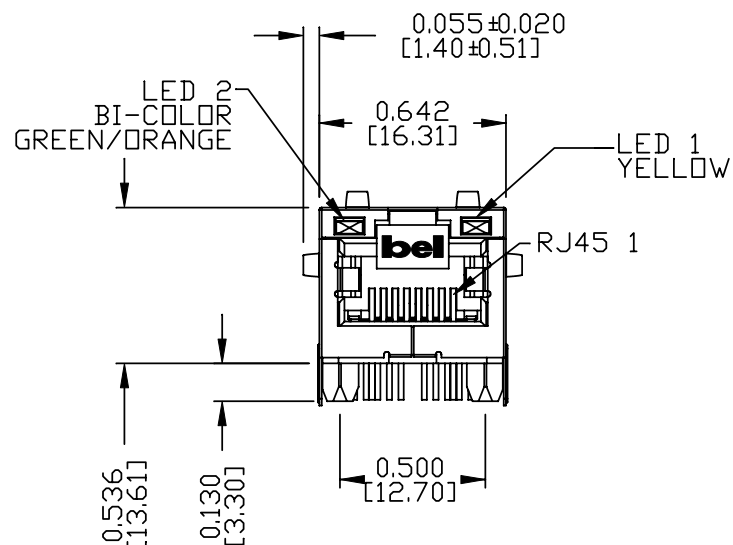
[] METRIC DIM. AS REFERENCE
UNIT : INCH [mm]
SCALE : N/A
REV. : D
SIZE : A4
PAGE : 2



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MECHANICAL SPECIFICATION

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NOTES:

- PLASTIC HOUSING: THERMOPLASTIC PA
FLAMMABILITY RATING UL 94V-0
- CONTACTS: 50 MICRO-INCH HARD GOLD PLATING OR EQUIVALENT.
- OUTPUT PINS: TIN-COATED COPPER WIRE, DIA 0.018 INCH.
- METAL SHIELD: NICKEL PLATED ON COPPER ALLOY.
(ALL GROUND LEADS ARE SOLDER DIPPED)
- ☐ MARK PART WITH MFG LOGO, MFG NAME, PART NUMBER, DATE CODE AND PATENTED.

C US UL RECOGNIZED - FILE #E196366 AND E169987.

- THE PRODUCT IS RoHS COMPLIANT.
- JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS.
- THE PRODUCT IS PATENTED. THE PATENT NUMBER ARE U.S. PAT. 5,736,910 AND U.S. PAT. 7,123,117

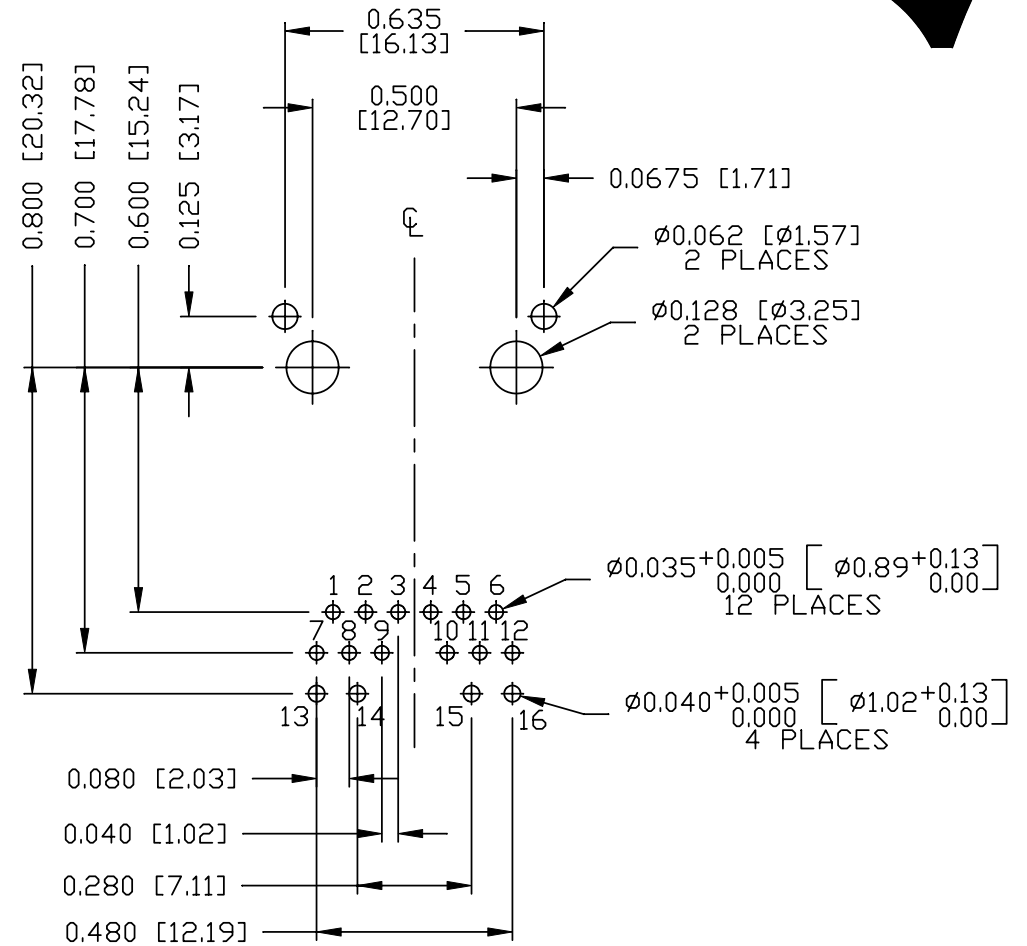
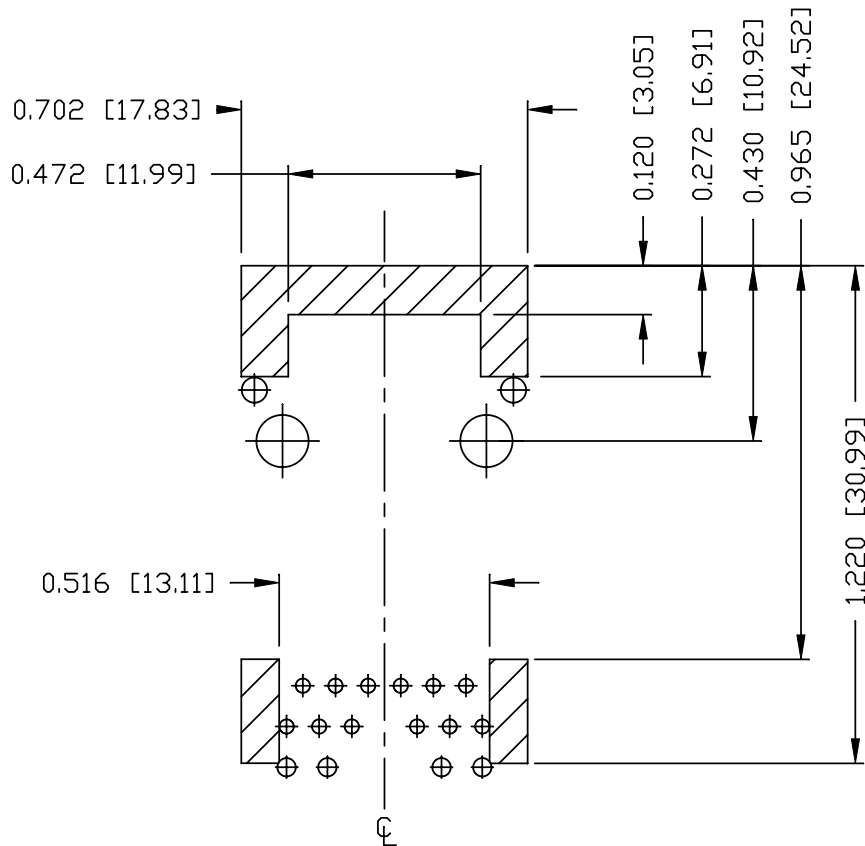
ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM. TOL. IN INCH	[] METRIC DIM. AS REFERENCE
ANTON LIAO	2012-07-24	gigabit MagJack® (Ext. Temp, Tab Up)	08261X1T32-F		UNIT : INCH [mm] REV. : D
DRAWN BY	DATE		FILE NAME	.X	SCALE : N/A SIZE : A4
HE ZHEN	2012-07-24	0826-1X1T-32-F PATENTED	08261X1T32-F_D.DWG	.XX	PAGE : 3
				.XXX	



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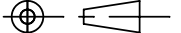
RECOMMENDED PCB FOOTPRINT
COMPONENT SIDE VIEW

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NOTES

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

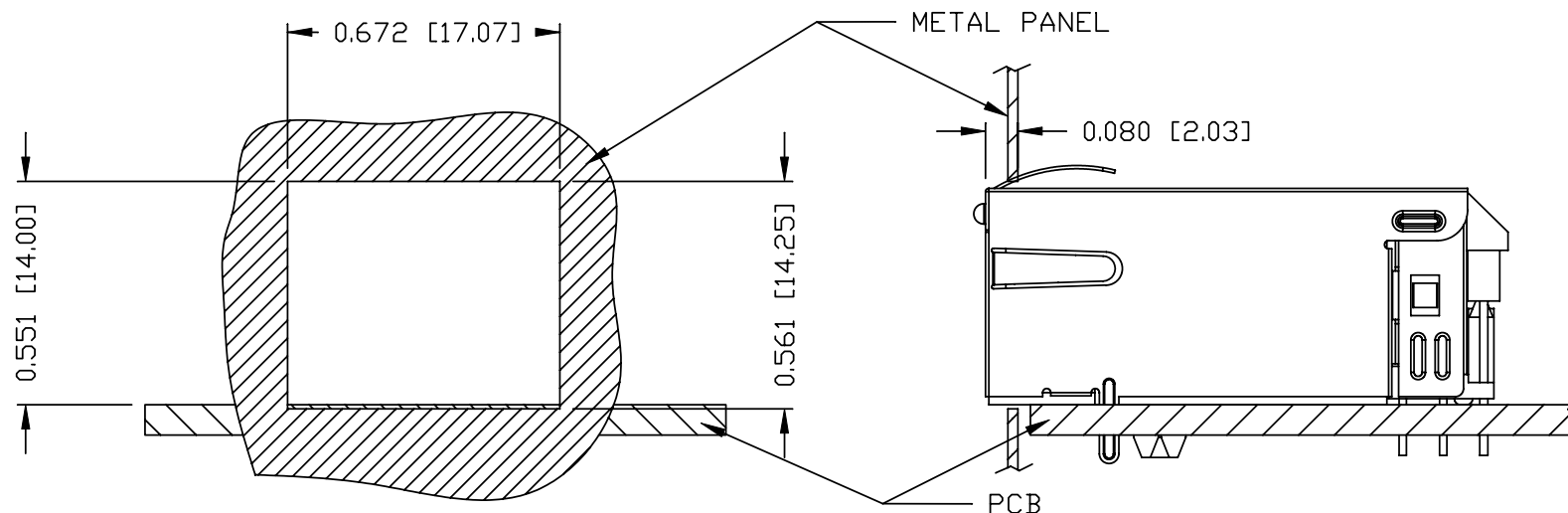
ORIGINATED BY ANTON LIAO	DATE 2012-07-24	TITLE gigabit MagJack® (Ext, Temp. Tab Up) 0826-1X1T-32-F PATENTED	PART NO. / DRAWING NO. 08261X1T32-F	STANDARD DIM. TOL. IN INCH		[] METRIC DIM. AS REFERENCE		 COMPONENTS FOR A CONNECTED PLANET
				.X		UNIT : INCH [mm]	REV. : D	
DRAWN BY HE ZHEN	DATE 2012-07-24		FILE NAME 08261X1T32-F_D.DWG	.XX		SCALE : N/A	SIZE : A4	
				.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-F6 (TOP)

0200-9999-F7 (BOTTOM)

PACKING QUANTITY : 40 PCS FINISHED GOODS PER TRAY

10 TRAYS (400 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 LIAO	DATE 2012-07-24	TITLE gigabit MagJack® (Ext, Temp. Tak Up) 0826-1X1T-32-F PATENTED	PART NO. / DRAWING NO. 08261X1T32-F	STANDARD DIM. TOL. IN INCH		[] METRIC DIM. AS REFERENCE	
				.X		UNIT : INCH [mm]	REV. : D
DRAWN BY HE ZHEN	DATE 2012-07-24		FILE NAME 08261X1T32-F_D.DWG	.XX		SCALE : N/A	SIZE : A4
				.XXX	±0.004		PAGE : 5





Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

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Факс: 8 (812) 320-02-42

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