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

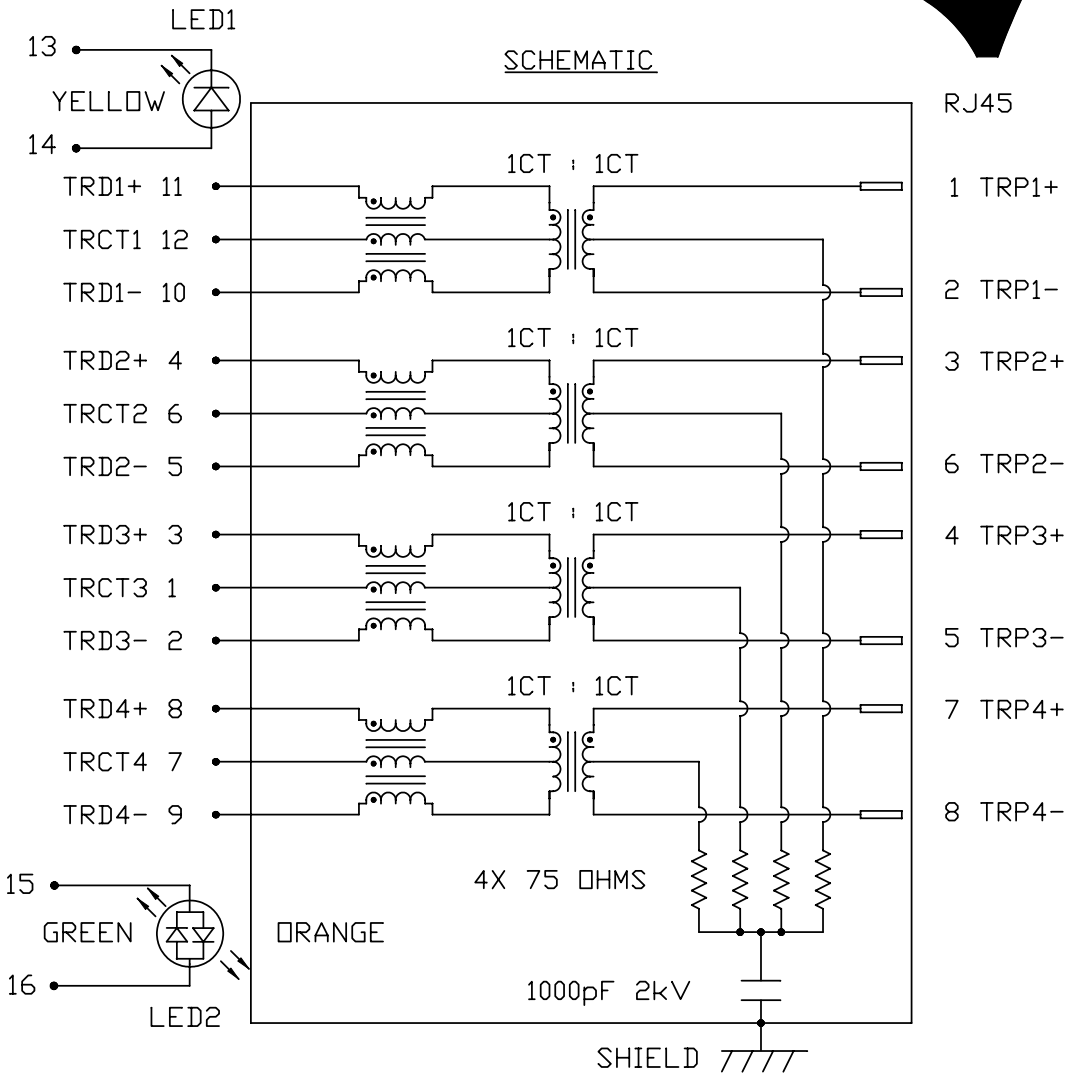
ELECTRICAL CHARACTERISTICS @ 25°C

TURNS RATIO	
TP1	1CT : 1CT ±2%
TP2	1CT : 1CT ±2%
TP3	1CT : 1CT ±2%
TP4	1CT : 1CT ±2%
OCL @ 100kHz/100mVRMS	
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)	
0.5MHz-40MHz	-18 dB
40MHz-100MHz	-12+20LOG(f/80MHz) dB
CROSS TALK	
1MHz - 60MHz	-30dB MIN
60MHz - 100MHz	-25dB MIN
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 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.

SCHEMATIC



ORIGINATED BY: CHOW WANCHUNG	DATE: 2012-08-15	TITLE: gigabit MagJack® (8 cores, Tab Up) 0826-1X1T-43-F PATENTED	PART NO. / DRAWING NO.: 08261X1T43-F	STANDARD DIM. TOL. IN INCH: .X, .XX, .XXX	[ ] METRIC DIM. AS REFERENCE
DRAWN BY: TAN QIGUANG	DATE: 2012-08-15		FILE NAME: 08261X1T43-F_D.DWG		UNIT : INCH [mm] / REV. : D
					SCALE : N/A / SIZE : A4
					PAGE : 2

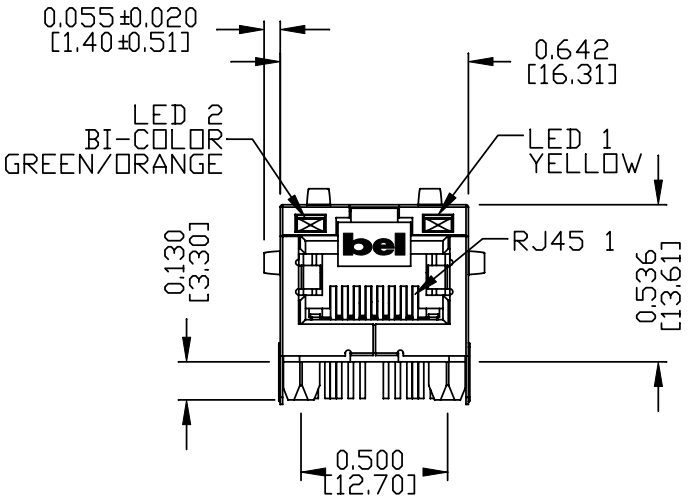
bel — COMPONENTS FOR A CONNECTED PLANET

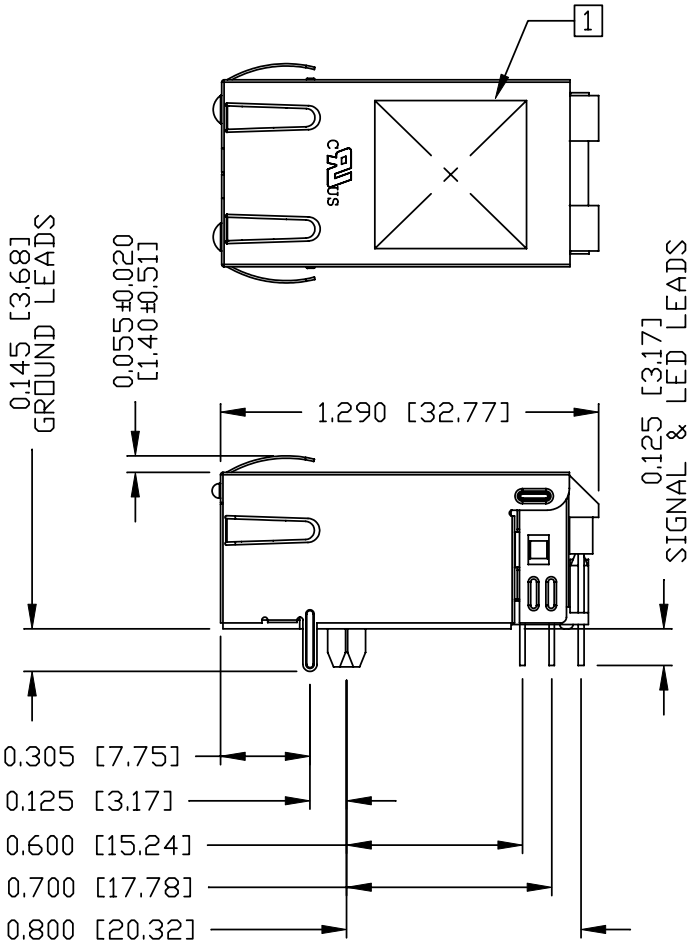
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MECHANICAL SPECIFICATION





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)

1. MARK PART WITH MFG LOGO, MFG NAME, PART NUMBER, DATE CODE AND PATENTED.

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

2. THE PRODUCT IS RoHS COMPLIANT.
JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS.

3. 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	2012-08-15	gigabit MagJack® (8 cores, Tab Up) 0826-1X1T-43-F PATENTED	08261X1T43-F	.X		UNIT : INCH [mm]	REV. : D
DRAWN BY	DATE		FILE NAME	.XX		SCALE : N/A	SIZE : A4
HE ZHEN	2012-08-15		08261X1T43-F_D.DWG	.XXX	±0.010		PAGE : 3

bel COMPONENTS FOR A CONNECTED PLANET

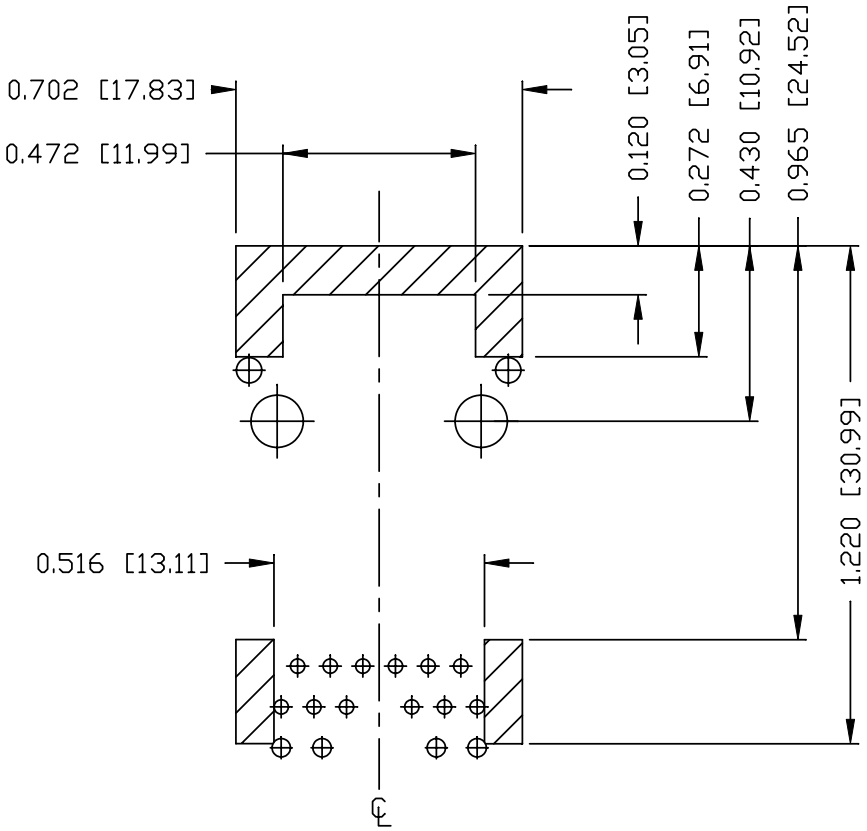
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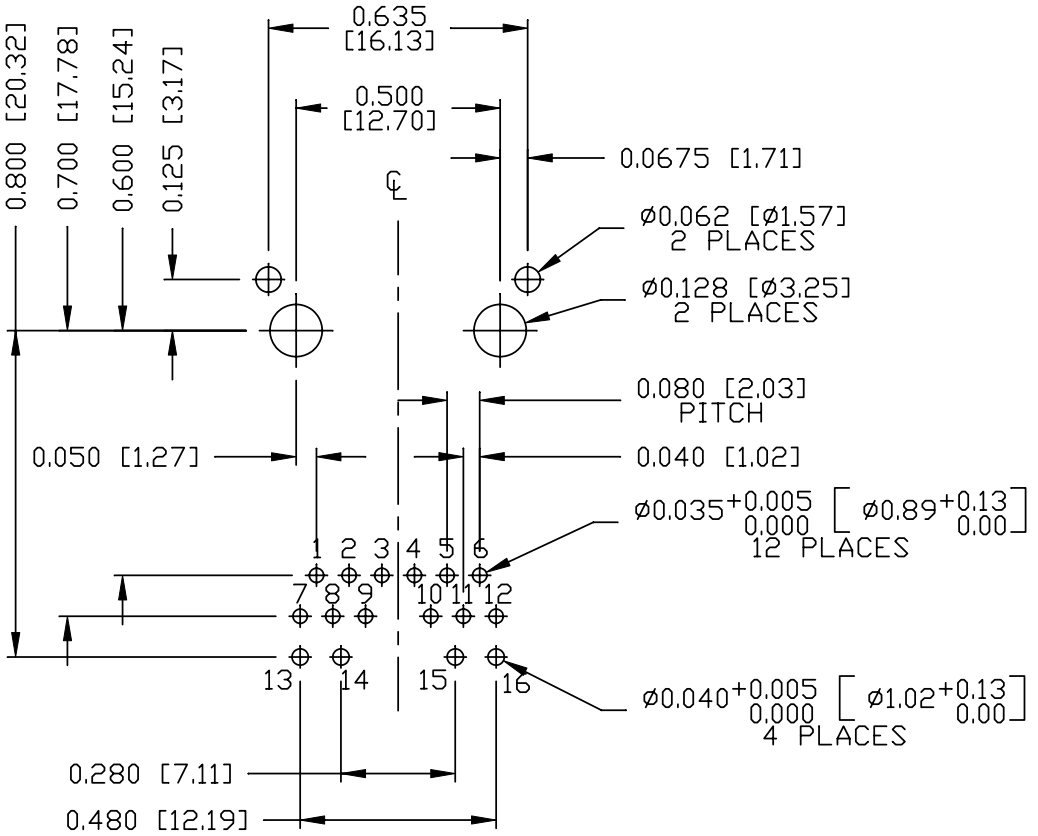
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RECOMMENDED PCB FOOTPRINT

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: 2012-08-15	TITLE: gigabit MagJack® (8 core, Tab Up) 0826-1X1T-43-F PATENTED	PART NO. / DRAWING NO.: 08261X1T43-F	STANDARD DIM. TOL. IN INCH: .X, .XX, .XXX ±0.004	[ ] METRIC DIM. AS REFERENCE
DRAWN BY: HE ZHEN	DATE: 2012-08-15		FILE NAME: 08261X1T43-F_D.DWG		UNIT : INCH [mm] / REV. : D
					SCALE : N/A / SIZE : A4
					PAGE : 4

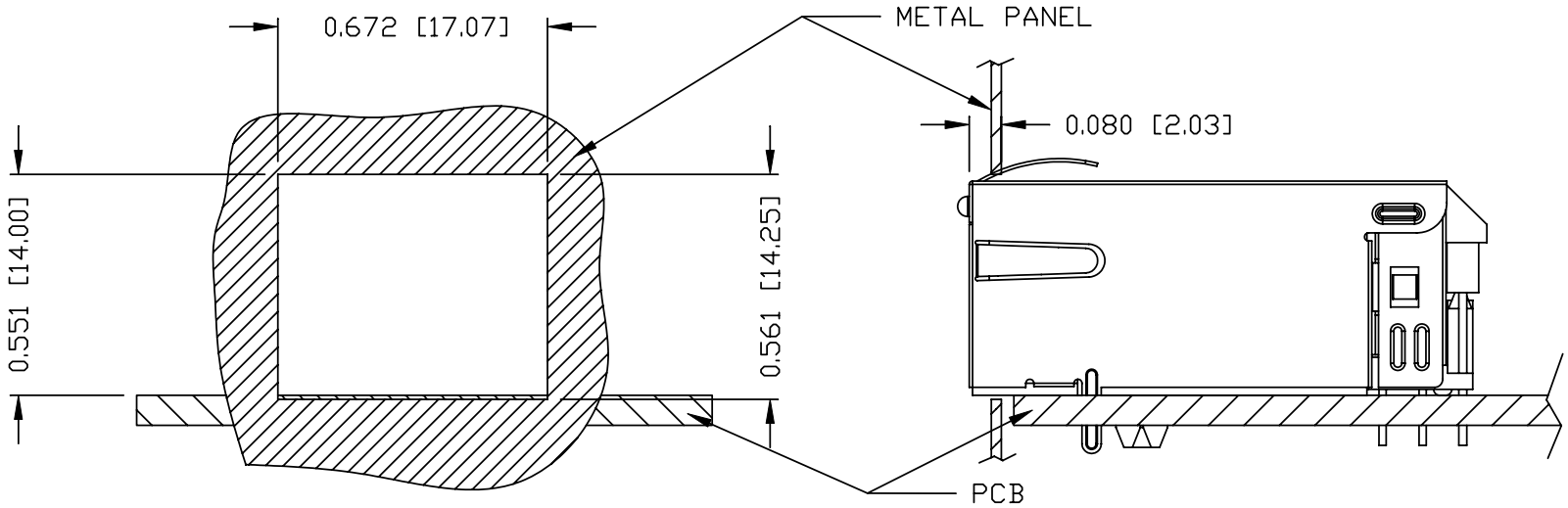
bel — COMPONENTS FOR A CONNECTED PLANET

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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: 2012-08-15	TITLE: gigabit MagJack® (8 cores, Tab Up) 0826-1X1T-43-F PATENTED	PART NO. / DRAWING NO.: 08261X1T43-F	STANDARD DIM. TOL. IN INCH: .X, .XX, .XXX ±0.004	[ ] METRIC DIM. AS REFERENCE
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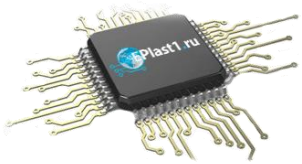
Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

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
Электронная почта: org@eplast1.ru
Адрес: 198099, г. Санкт-Петербург, ул. Калинина, дом 2, корпус 4, литера А.