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LED 1 POLARITY			LED 2 POLARITY		
PIN 17	PIN 18	COLOR	PIN 19	PIN 20	COLOR
-	+	YELLOW	+	-	ORANGE
			-	+	GREEN

PRELIMINARY

RoHS



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

8mA DC BIAS (0°C - 70°C) 180 µH MIN.

19mA DC BIAS (0°C - 70°C) 120 µH MIN.

INS. LOSS

1MHz TO 150MHz -0.004(fMHz)-0.4 dB MAX

RET. LOSS

1MHz-40MHz -20 dB MIN

40.1MHz-150MHz -20+15LOG(f/40MHz) dB MIN

CROSSTALK

1MHz - 40MHz -35 dB MIN

40.1MHz-150MHz -35+15LOG(f/40MHz) dB MIN

CM TO CM REJ

1MHz - 150MHz -25 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

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

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

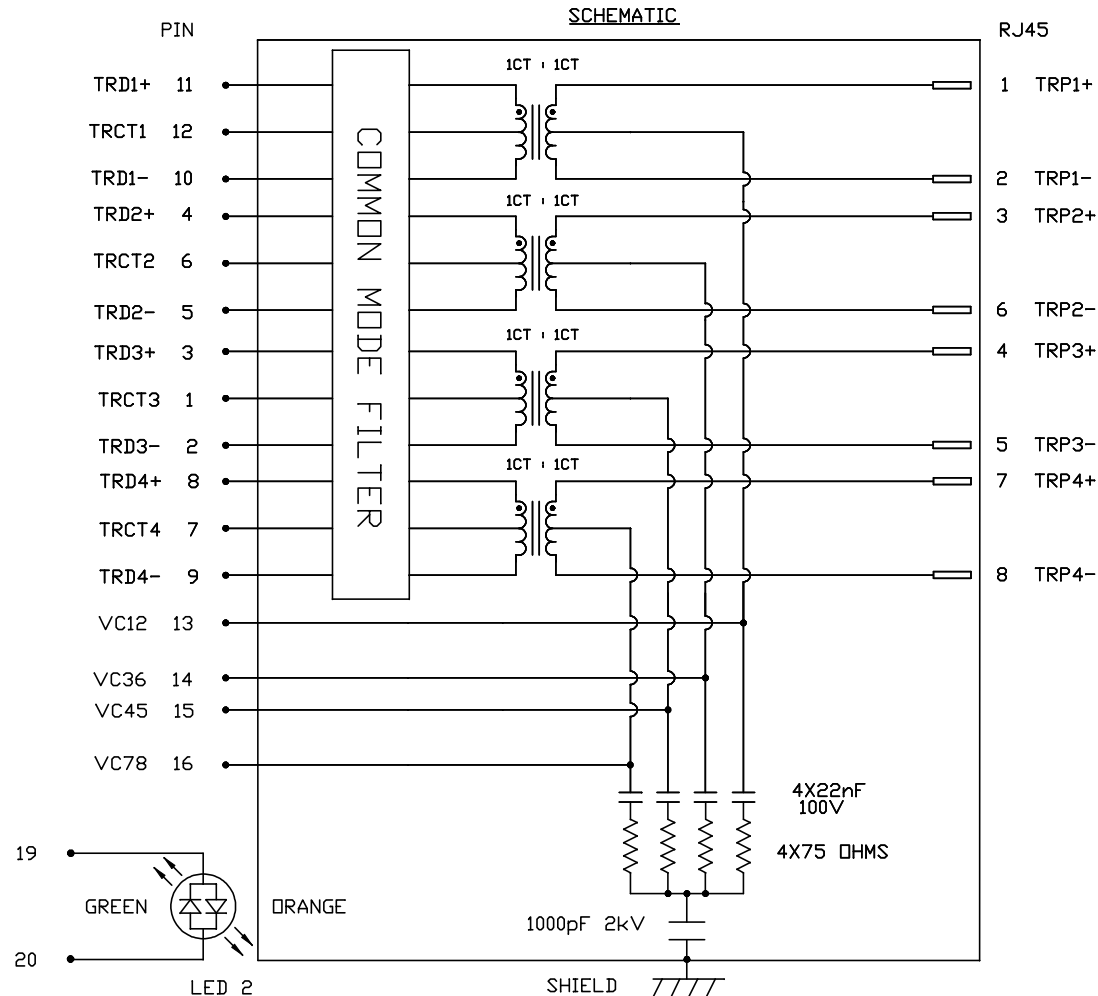
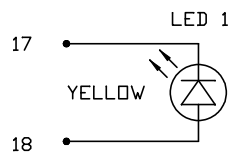
LED 2

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

ORANGE 2.0V TYP.

λD (DOMINANT WAVELENGTH) IF=20mA GREEN 570nm TYP.

ORANGE 605nm TYP.



ORIGINATED BY
CHOW WANCHUNG
DATE 2015-12-17

DRAWN BY
MURPHY LEE
DATE 2015-12-17

TITLE
1X4 2.5 Gigabit MagJack®
4PPoE
0826-1X4T-HT-F
PATENTED

PART NO. / DRAWING NO.
08261X4THT-F

FILE NAME
08261X4THT-F_PA.DWG

STANDARD DIM.
TOL. IN INCH

.X
.XX
.XXX

[] METRIC DIM.
AS REF.

UNIT : INCH [mm]
SCALE : N/A
SIZE : A4

REV. : PA

PAGE : 2



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NOTES:

PLASTIC HOUSING: THERMOPLASTIC PBT
FLAMMABILITY RATING UL 94V-0

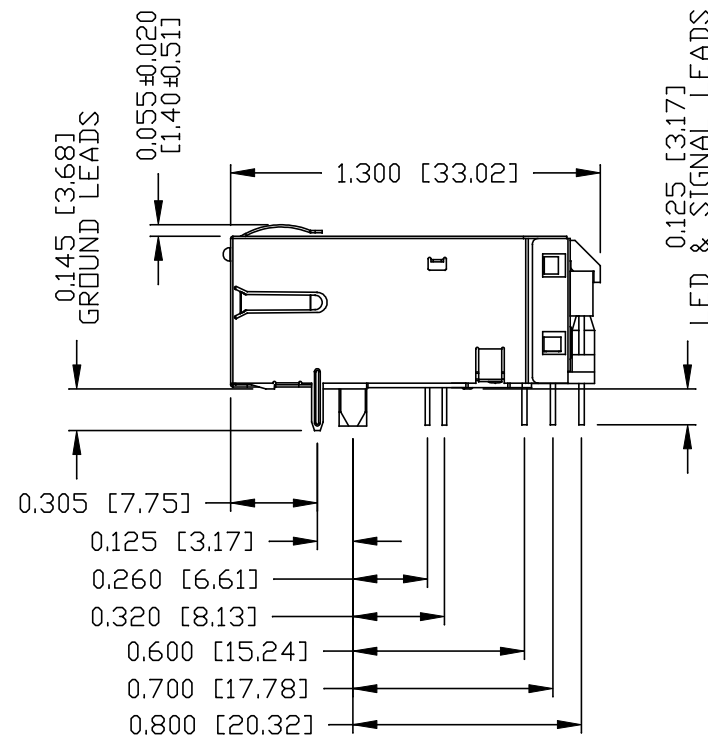
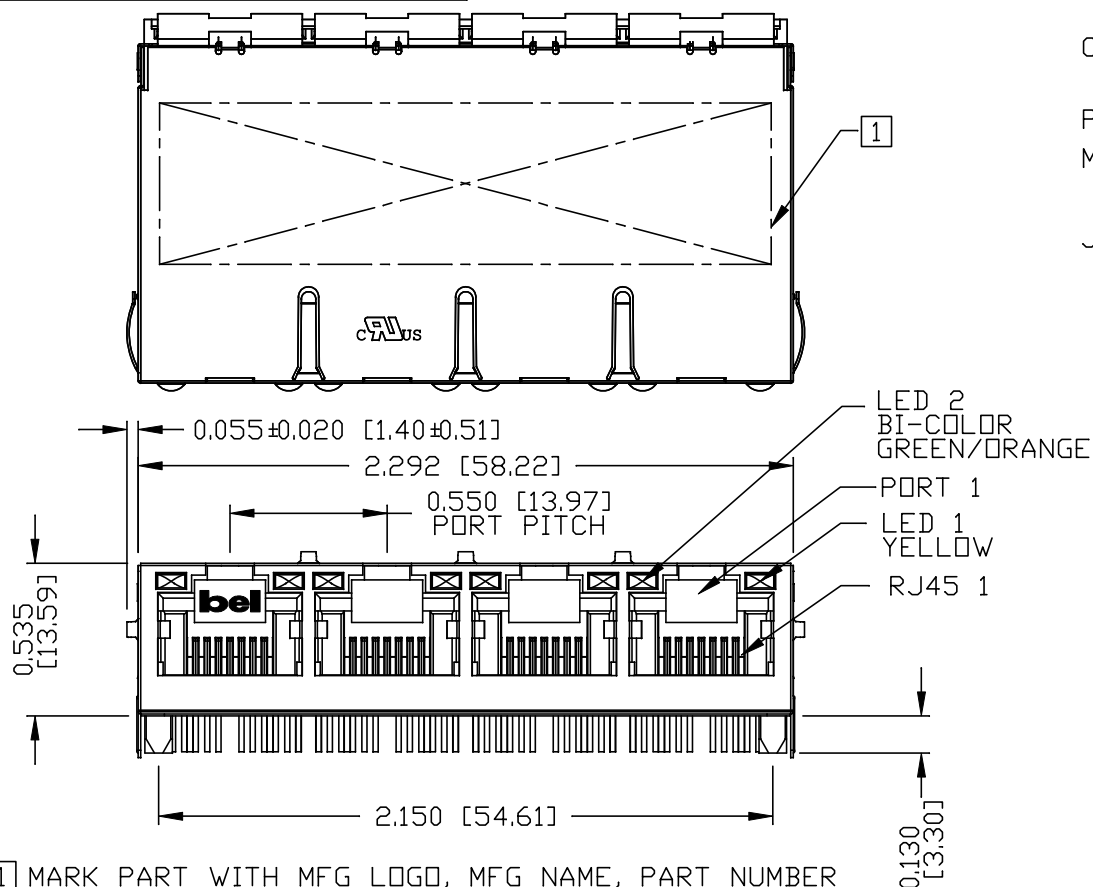
CONTACTS PLATING: 50 MICRO-INCH HARD GOLD PLATING OR EQUIVALENT.

PINS: TIN-COATED COPPER WIRE, DIA 0.018 INCH.

METAL SHIELD: NICKEL PLATED ON COPPER ALLOY.
(ALL GROUND LEADS ARE SOLDER DIPPED)

JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS.

RoHS



- MARK PART WITH MFG LOGO, MFG NAME, PART NUMBER DATE CODE AND PATENTED.
- THE PRODUCT IS RoHS COMPLIANT.
- THE PRODUCT IS PATENTED. THE PATENT NUMBER ARE U.S. PAT. 7,123,117.

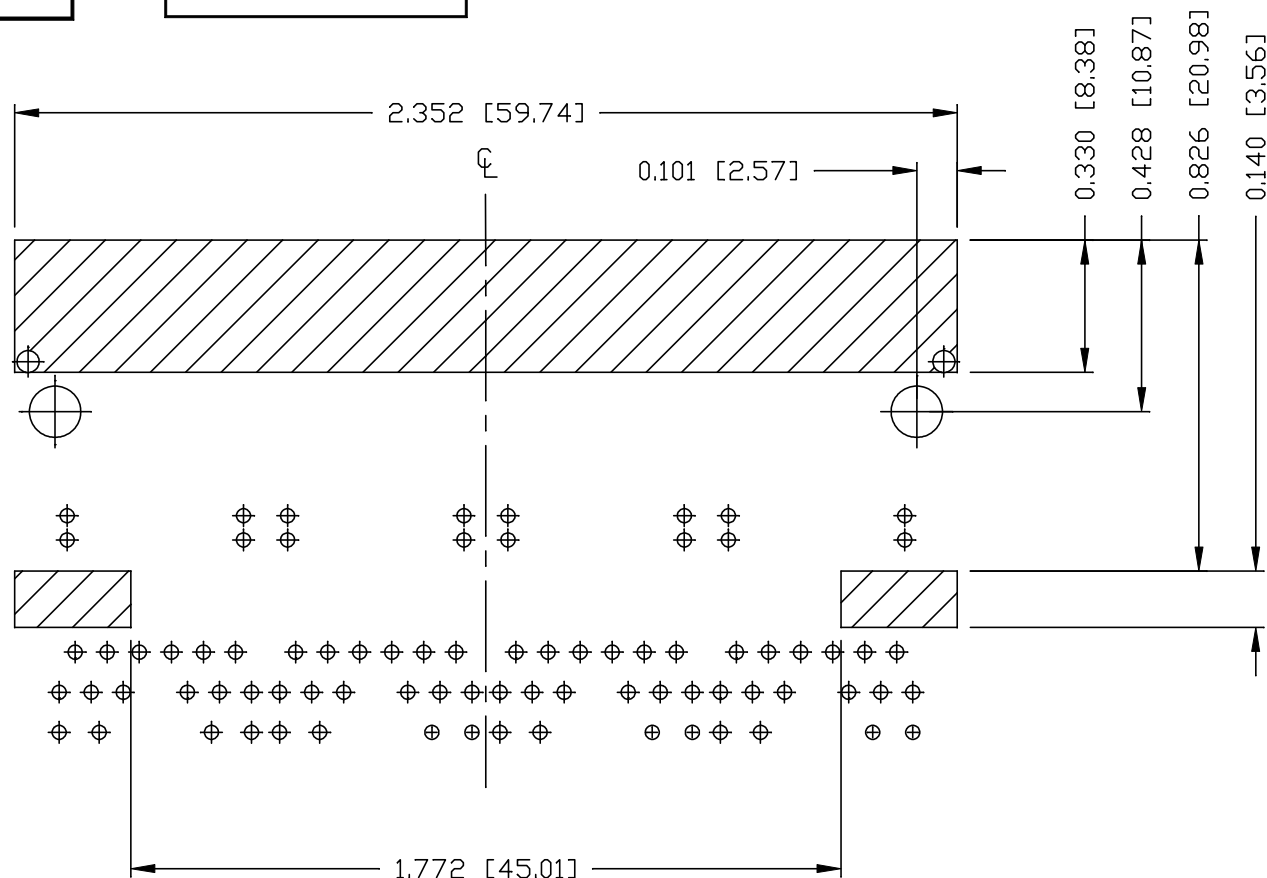
bel USUL RECOGNIZED - FILE #E196366 AND E169987.

ORIGINATED BY ANTON LIAO DATE 2015-12-17	TITLE 1X4 2.5 Gigabit MagJack® 4PPoE 0826-1X4T-HT-F PATENTED	PART NO. / DRAWING NO. 08261X4THT-F	STANDARD DIM. TOL. IN INCH		[] METRIC DIM. AS REF.	 bel MAGNETIC SOLUTIONS a bel group
DRAWN BY SANDY LIN DATE 2015-12-17		FILE NAME 08261X4THT-F_PA.DWG	.X		UNIT : INCH [mm]	
			.XX		SCALE : N/A	
			.XXX		 SIZE : A4	

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RoHS



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 2015-12-17

DRAWN BY
SANDY LIN
DATE 2015-12-17

TITLE

1X4 2.5 Gb/s MagJack®
4PPoE
0826-1X4T-HT-F
PATENTED

PART NO. / DRAWING NO.

08261X4THT-F

FILE NAME

08261X4THT-F_PA.DWG

STANDARD DIM.
TOL. IN INCH

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REV. : PA

PAGE : 5



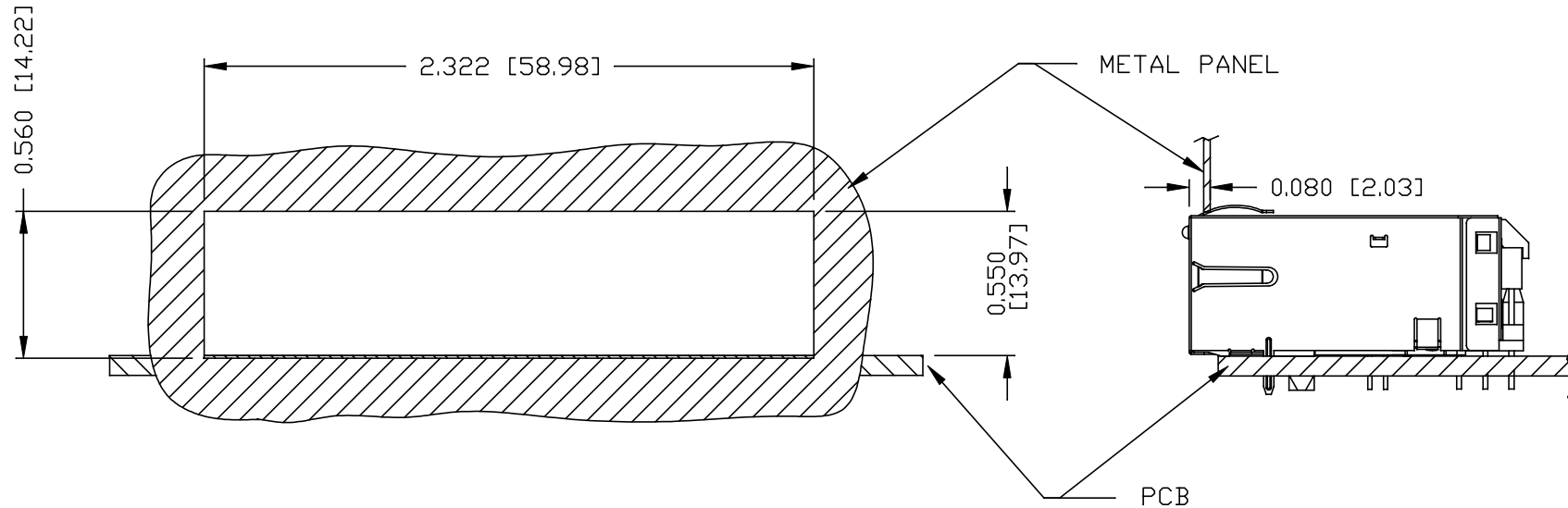
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SUGGESTED PANEL OPENING



NOTES:

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-B4 (TOP)
0200-9999-B5 (BOTTOM)

PACKING QUANTITY : 24 PCS FINISHED GOODS PER TRAY
10 TRAYS (240 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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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

Телефон: 8 (812) 309 58 32 (многоканальный)

Факс: 8 (812) 320-02-42

Электронная почта: org@eplast1.ru

Адрес: 198099, г. Санкт-Петербург, ул. Калинина, дом 2, корпус 4, литера А.