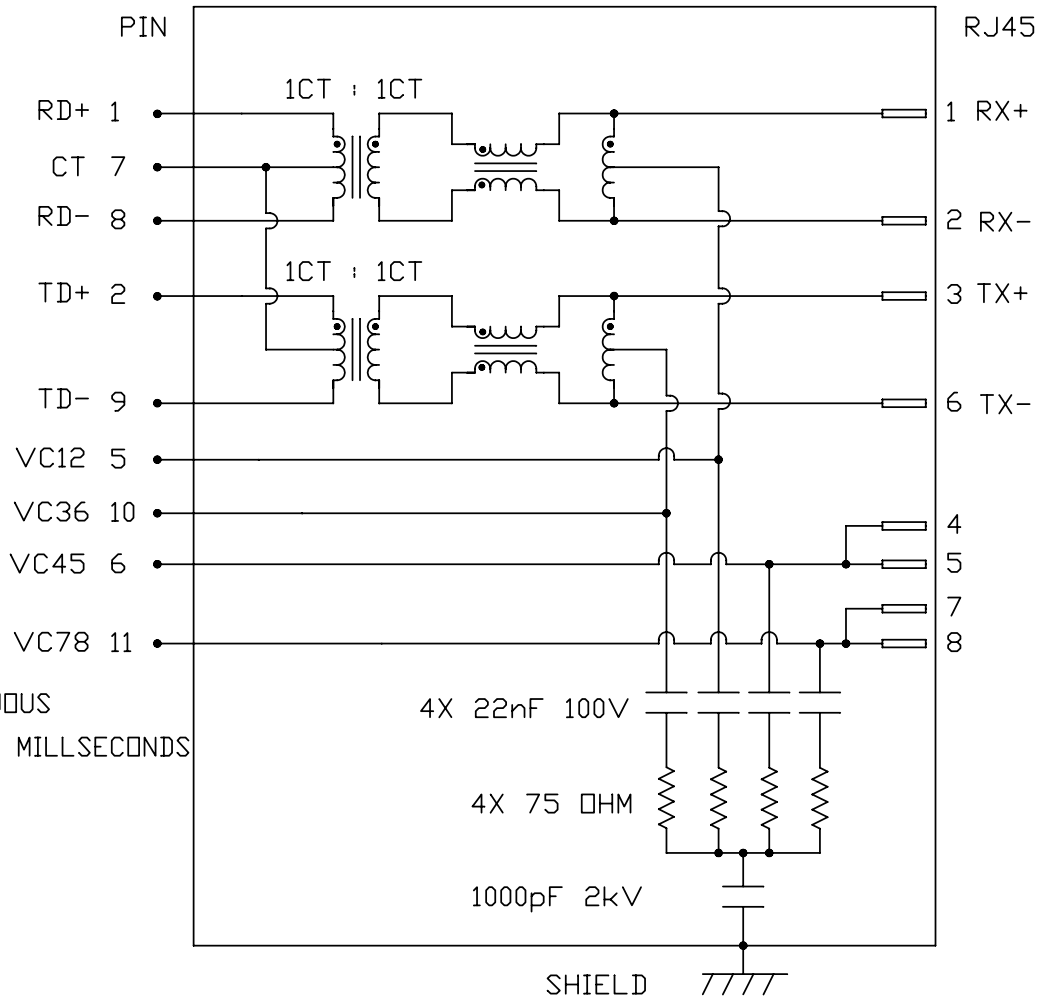
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ELECTRICAL CHARACTERISTICS @ 25°C

TURNS RATIO	1CT : 1CT ±2%
OCL @ 100kHz/100mVRMS	
8mA DC BIAS	350µH MIN.
INSERTION LOSS	
100KHz TO 100MHz	-1.5 dB MAX.
RETURN LOSS (MIN.)	
2MHz-30MHz	-16 dB MIN.
60MHz-80MHz	-10 dB MIN.
CROSS TALK	
100KHz - 100MHz	-30 dB MIN.
HIPOT (ISOLATION VOLTAGE)	2250 VDC
100% OF PRODUCTION TESTED TO COMPLY WITH IEEE 802.3 ISOLATION REQUIREMENT	
BALANCED DC LINE CURRENT	350mA MAX. @ 57 VDC CONTINUOUS
	500mA MAX. @ 57 VDC FOR 200 MILLSECONDS

SCHEMATIC



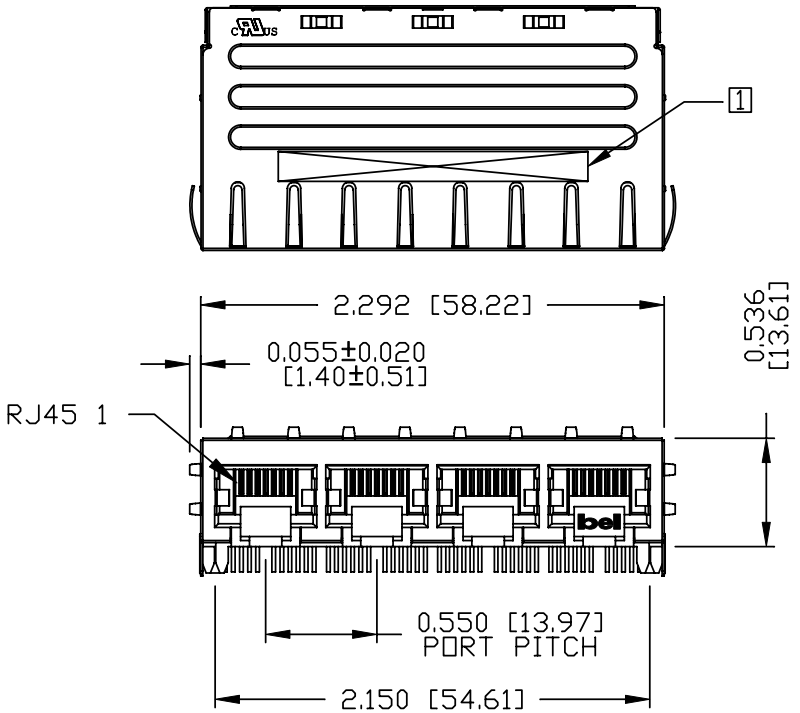
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DRAWN BY: LEE WEIDE	DATE: 05-19-11		FILE NAME: 08131X4T57-F_B.DWG		UNIT : INCH [mm] / REV. : B
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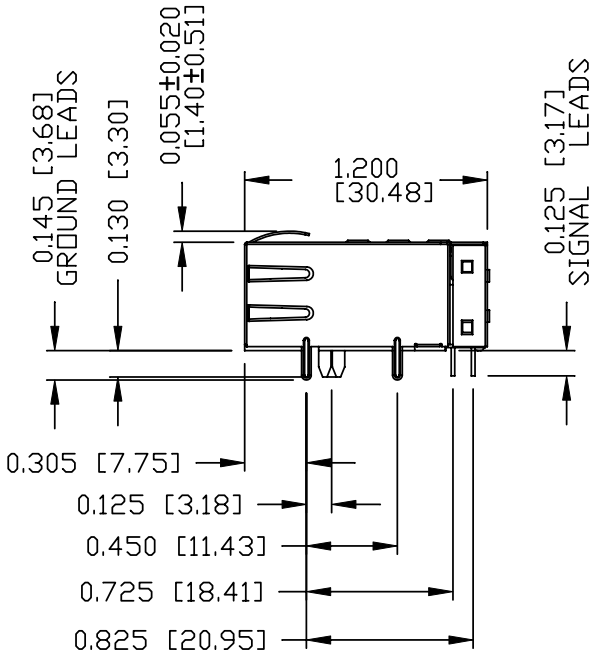
bel — COMPONENTS FOR A CONNECTED PLANET

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NOTES:

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

CONTACTS PLATING: 50 MICRO-INCH HARD GOLD PLATING

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.

RoHS COMPLIANCE, PER EU DIRECTIVE 2002/95/EC.

2. THE PRODUCT IS PATENTED, THE PATENT NUMBER IS U.S. PAT. 5,736,910.

ORIGINATED BY: CHEN BILL	DATE: 05-19-11	TITLE: 1X4 MagJack® FOR 10/100 PoE 0813-1X4T-57-F PATENTED	PART NO. / DRAWING NO.: 08131X4T57-F	STANDARD DIM. TOL. IN INCH: .X, .XX, .XXX ±0.010	[ ] METRIC DIM. AS REFERENCE
DRAWN BY: HE ZHEN	DATE: 05-19-11		FILE NAME: 08131X4T57-F_B.DWG		UNIT : INCH [mm] / REV. : B
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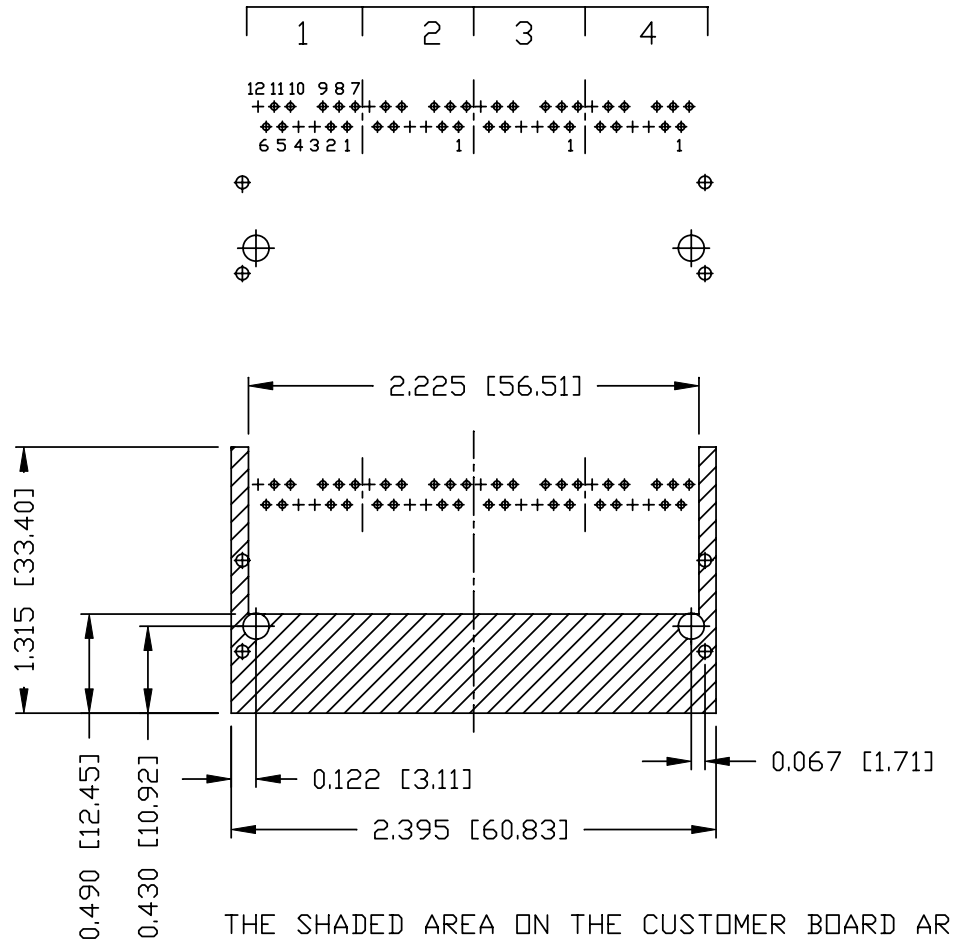
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PIN-OUT INFORMATION
(COMPONENT SIDE VIEW)

12	NO PIN
11	VC78
10	VC36
9	TD-
8	RD-
7	CT
6	VC45
5	VC12
4	NO PIN
3	NO PIN
2	TD+
1	RD+

PIN AND PORT ASSIGNMENT
(COMPONENT SIDE VIEW)



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

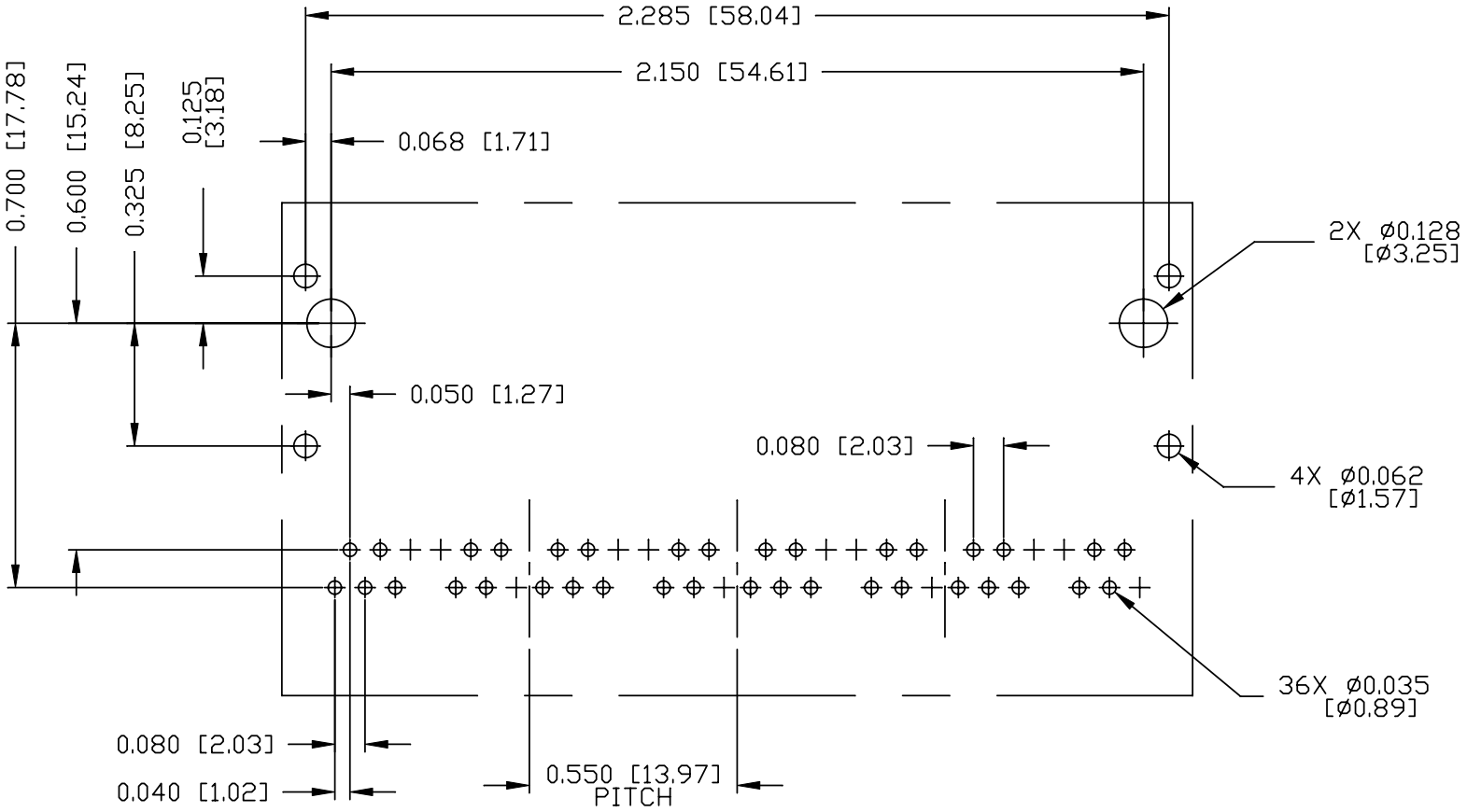
ORIGINATED BY: CHEN BILL	DATE: 05-19-11	TITLE: 1X4 MagJack® FOR 10/100 PoE 0813-1X4T-57-F PATENTED	PART NO. / DRAWING NO.: 08131X4T57-F	STANDARD DIM. TOL. IN INCH: .X, .XX, .XXX ±0.010	[ ] METRIC DIM. AS REFERENCE
DRAWN BY: HE ZHEN	DATE: 05-19-11		FILE NAME: 08131X4T57-F_B.DWG		UNIT : INCH [mm] / REV. : B
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RECOMMENDED PCB FOOTPRINT

(COMPONENT SIDE VIEW)

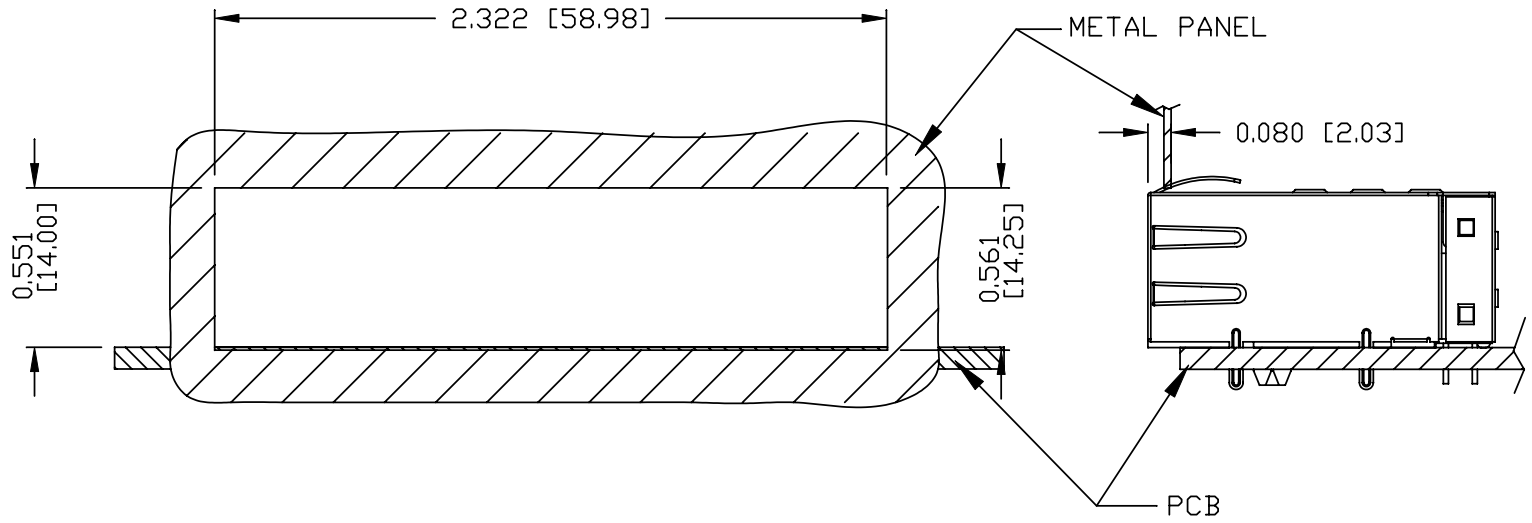
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DRAWN BY: HE ZHEN	DATE: 05-19-11		FILE NAME: 08131X4T57-F_B.DWG		UNIT : INCH [mm]	REV. : B	
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SUGGESTED PANEL OPENING



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: 0200-0148-37 (TOP)
0200-0148-38 (BOTTOM)

PACKING QUANTITY: 20 PCS FINISHED GOODS PER TRAY
8 TRAYS (160 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: CHEN BILL	DATE: 05-19-11	TITLE: 1X4 MagJack® FOR 10/100 PoE 0813-1X4T-57-F PATENTED	PART NO. / DRAWING NO.: 08131X4T57-F	STANDARD DIM. TOL. IN INCH		[ ] METRIC DIM. AS REFERENCE	
DRAWN BY: HE ZHEN	DATE: 05-19-11		FILE NAME: 08131X4T57-F_B.DWG	.X		UNIT : INCH [mm]	REV. : B
				.XX		SCALE : N/A	SIZE : A4
				.XXX	±0.005		PAGE : 6

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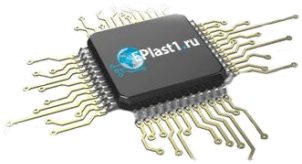
Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

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
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