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

OCL @ 100kHz/100mVRMS

8mA DC BIAS (0°C - 70°C) 180 μ H MIN.

19mA DC BIAS (0°C - 70°C) 120 μ H 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.

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

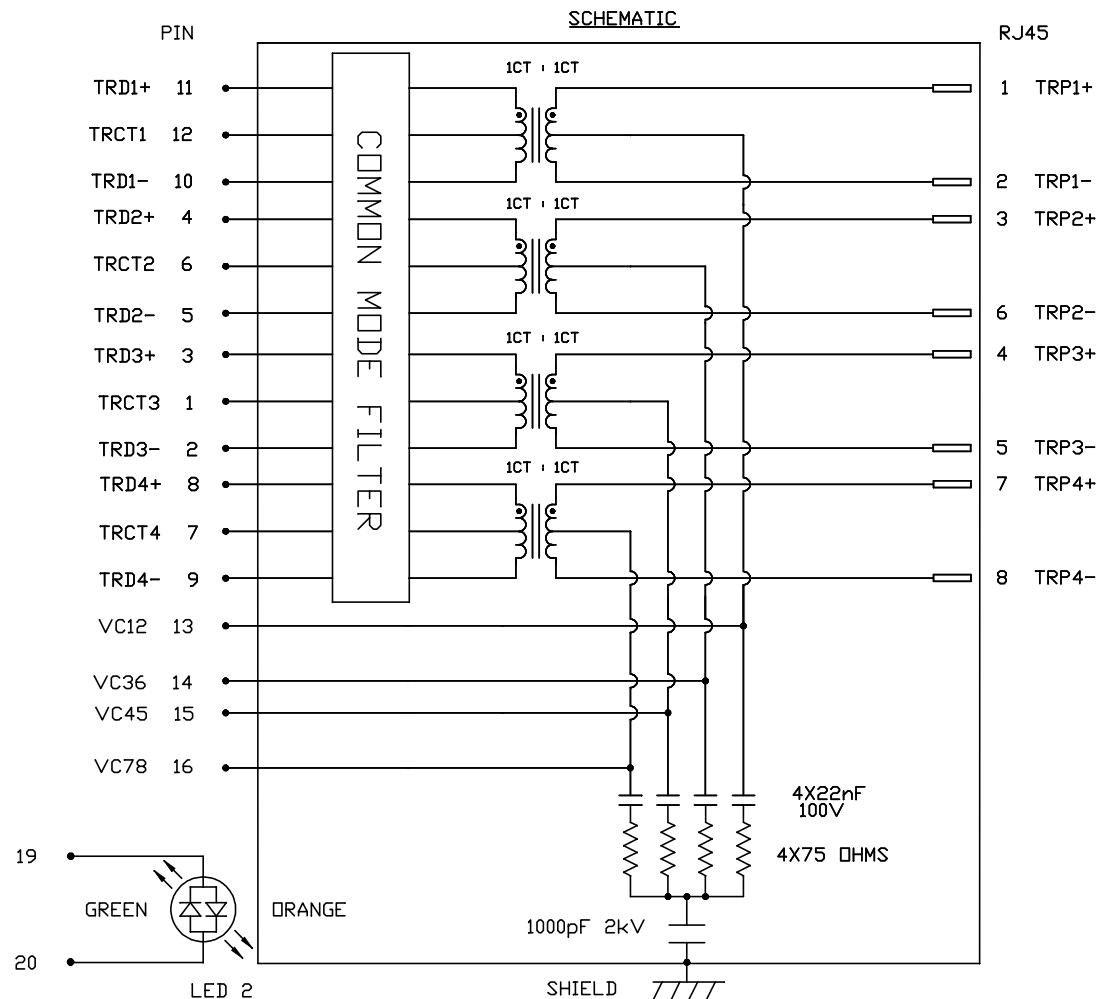
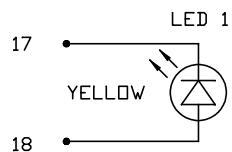
LED 2

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

ORANGE 2.0V TYP.

λ D (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

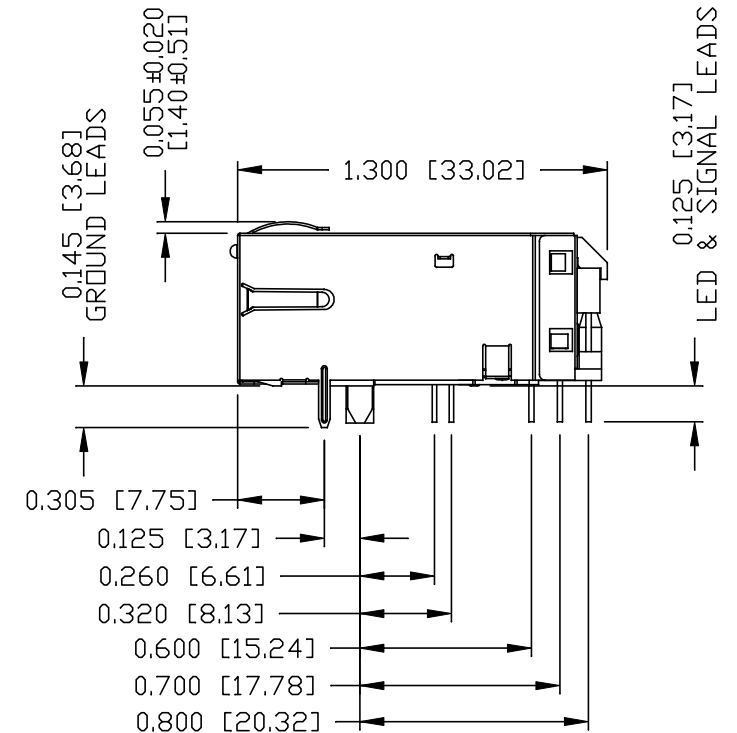
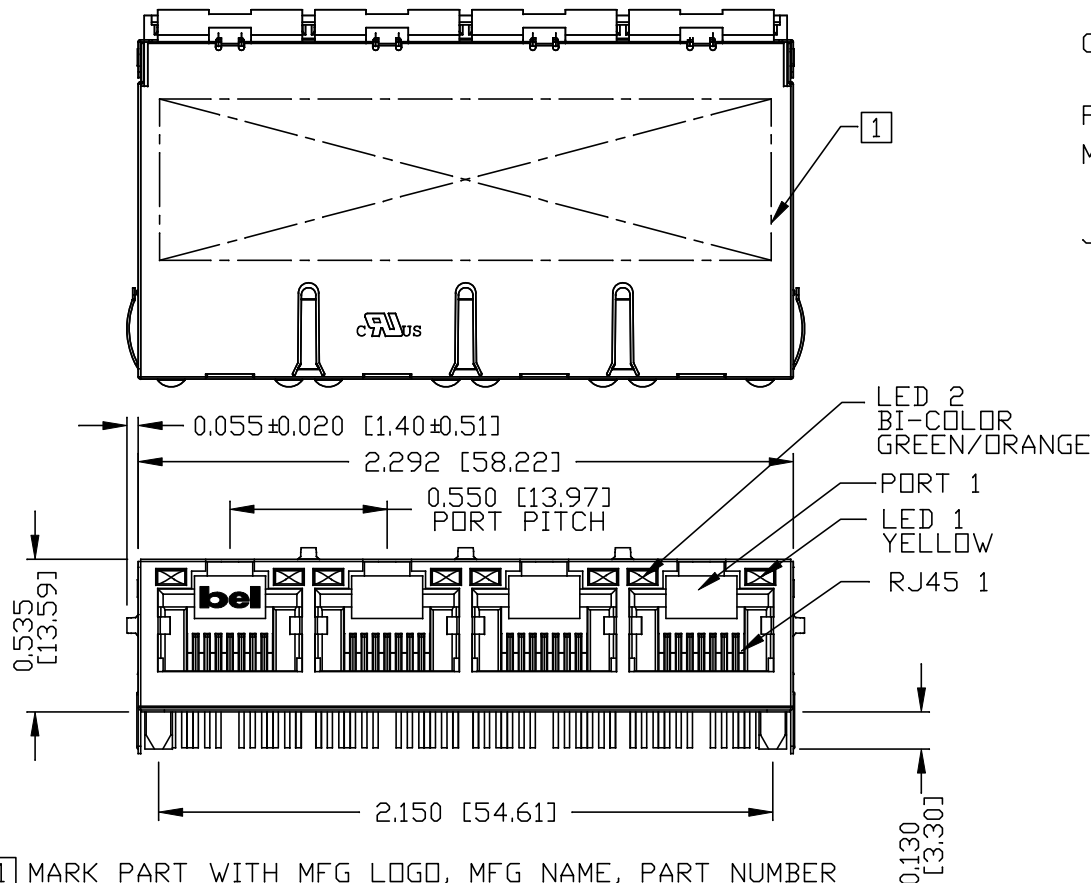
CONTACTS PLATING: 50 MICRO-INCH HARD GOLD PLATING OR EQUIVALENT.

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.	
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	



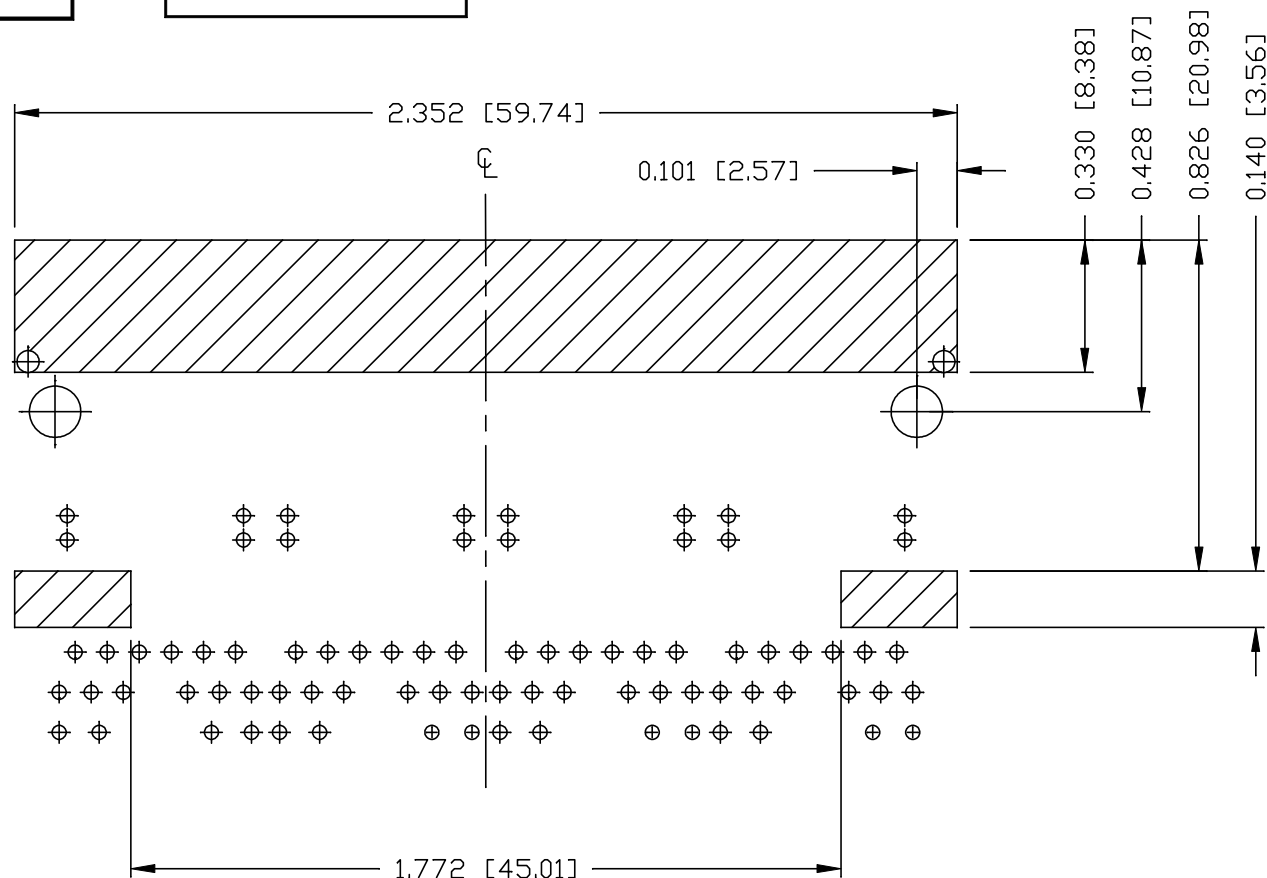
bel
a bel group

**MAGNETIC
SOLUTIONS**

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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 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

.X
 .XX
 .XXX ±0.004

[] METRIC DIM.
 AS REF.

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

REV. : PA PAGE : 5



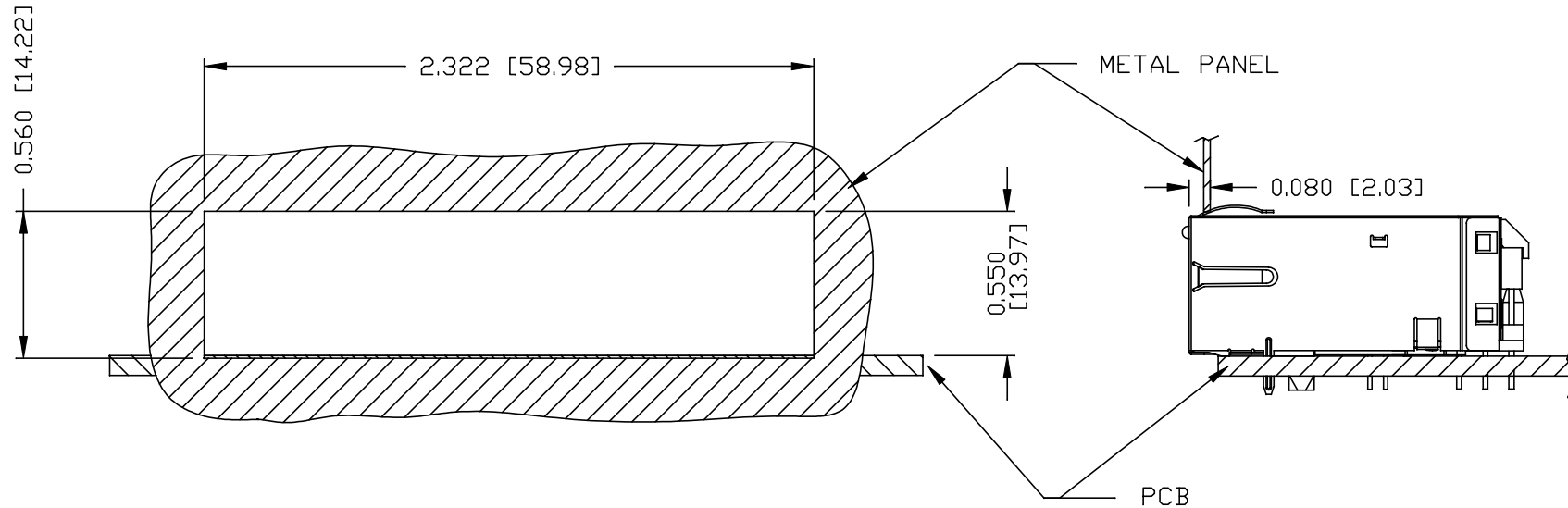
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SUGGESTED PANEL OPENING



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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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	

Данный компонент на территории Российской Федерации

Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

Офис по работе с юридическими лицами:

105318, г.Москва, ул.Щербаковская д.3, офис 1107, 1118, ДЦ «Щербаковский»

Телефон: +7 495 668-12-70 (многоканальный)

Факс: +7 495 668-12-70 (доб.304)

E-mail: info@moschip.ru

Skype отдела продаж:

moschip.ru

moschip.ru_4

moschip.ru_6

moschip.ru_9