

THE INFORMATION CONTAINED HEREIN IS CONSIDERED 'PROPRIETARY' TO BEL FUSE INC. AND SHALL NOT BE COPIED, REPRODUCED OR DISCLOSED WITHOUT THE WRITTEN APPROVAL OF BEL FUSE INC.

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

RoHS
2002/95/EC

RJ45

ELECTRICAL CHARACTERISTICS @ 25°C

URNS RATIO

TP1	1CT : 1CT ±2%
TP2	1CT : 1CT ±2%
TP3	1CT : 1CT ±2%
TP4	1CT : 1CT ±2%

□CL @ 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) @ 100 OHMS ±15%

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 100% OF PRODUCTION TESTED TO COMPLY WITH

IEEE 802.3 ISOLATION REQUIREMENTS.

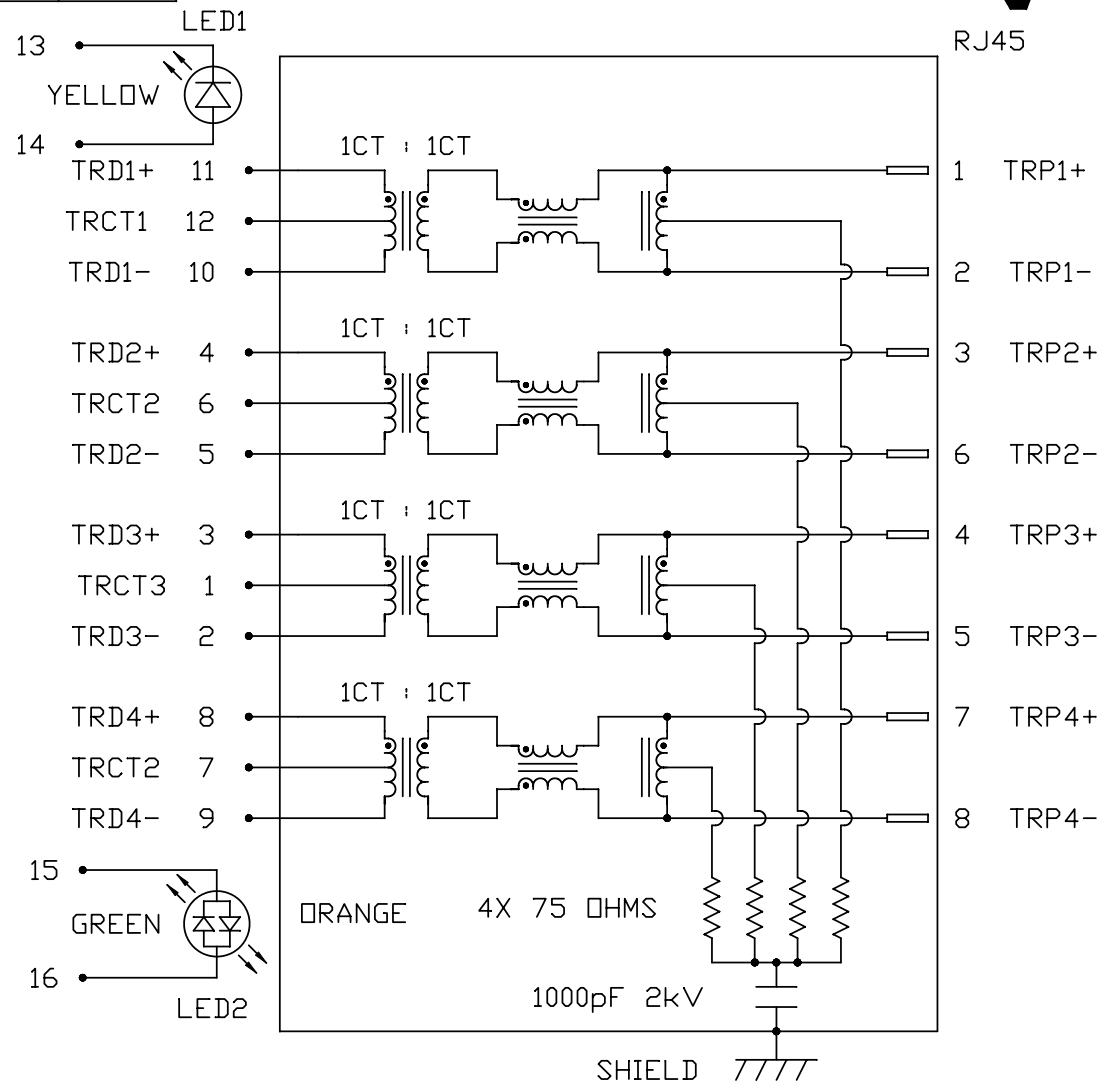
LED 1

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	565nm TYP.
		ORANGE	610nm TYP.

SCHEMATIC



ORIGINATED BY	DATE
CHOW WANGCHUNG	06-16-09
DRAWN BY	DATE
LI YONGFENG	06-16-09

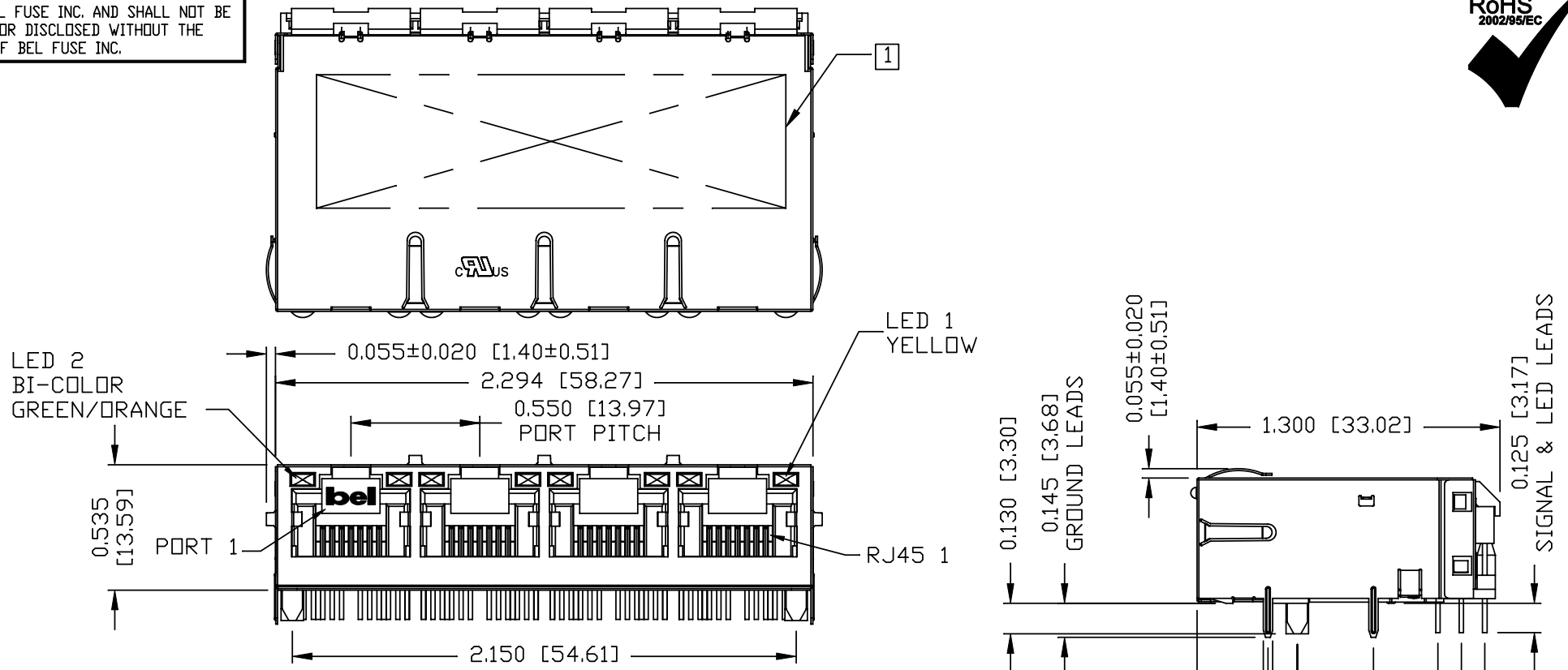
TITLE	1X4 gigabit MagJack® (12 cores, Tab Up)
PART NO. / DRAWING NO.	08261X4T23-F
FILE NAME	08261X4T23-F_F.DWG
	PATENTED

STANDARD DIM. TOL. IN INCH	[] METRIC DIM. AS REFERENCE
.X	UNIT : INCH [mm]
.XX	REV. : F
.XXX	SCALE : N/A
	SIZE : A4
	PAGE : 2



THE INFORMATION CONTAINED HEREIN IS CONSIDERED "PROPRIETARY" TO BEL FUSE INC. AND SHALL NOT BE COPIED, REPRODUCED OR DISCLOSED WITHOUT THE WRITTEN APPROVAL OF BEL FUSE INC.

RoHS
2002/95/EC



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" MARKING, THE PRODUCT IS PATENTED,
THE PATENTED NUMBER IS U.S. PAT. 5,736,910.
JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS.

UL USUL RECOGNIZED - FILE #E196366 AND E169987.
RoHS COMPLIANCE, PER EU DIRECTIVE 2002/95/EC.

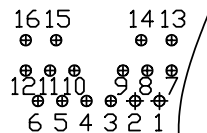
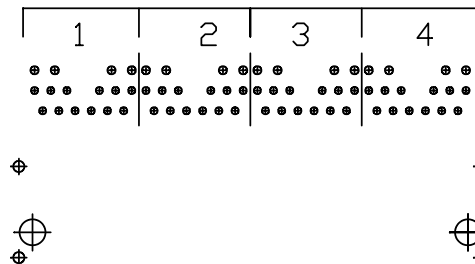
ORIGINATED BY ZX HUANG	DATE 06-16-09	TITLE 1X4 gigabit MagJack® (12 cores, Tab Up) 0826-1X4T-23-F PATENTED	PART NO. / DRAWING NO. 08261X4T23-F	STANDARD DIM. TOL. IN INCH		[] METRIC DIM. AS REFERENCE		bel COMPONENTS FOR A CONNECTED PLANET
				.X		UNIT : INCH [mm]	REV. : F	
DRAWN BY BL CHEN	DATE 06-16-09		FILE NAME 08261X4T23-F_F.DWG	.XX		SCALE : N/A	SIZE : A4	
				.XXX	±0.010		PAGE : 3	

THE INFORMATION CONTAINED HEREIN IS CONSIDERED "PROPRIETARY" TO BEL FUSE INC. AND SHALL NOT BE COPIED, REPRODUCED OR DISCLOSED WITHOUT THE WRITTEN APPROVAL OF BEL FUSE INC.

RoHS
2002/95/EC

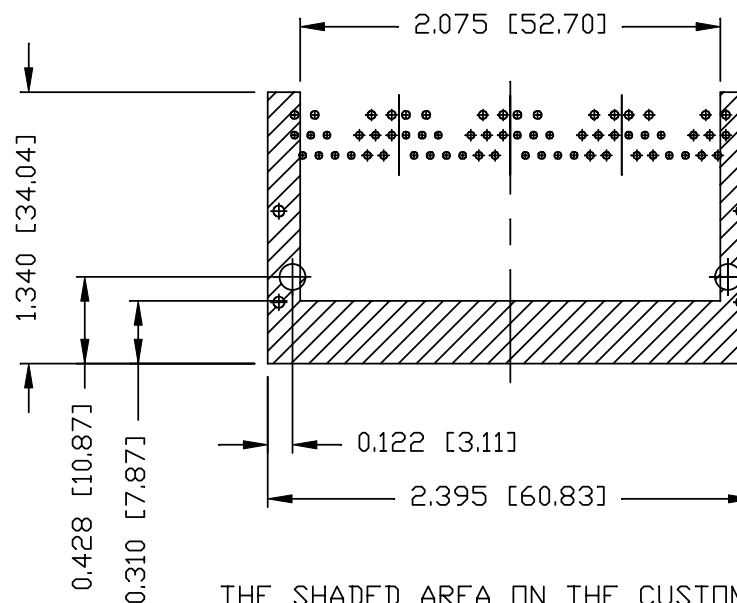


PORT ASSIGNMENT
(COMPONENT SIDE VIEW)



PIN-OUT INFORMATION
(COMPONENT SIDE VIEW)

12	TRCT1		
11	TRD1+		
10	TRD1-		
9	TRD4-		
8	TRD4+		
7	TRCT2		
6	TRCT2		
5	TRD2-		
4	TRD2+	16	ORG (-) GRN (+)
3	TRD3+	15	ORG (+) GRN (-)
2	TRD3-	14	YELLOW (+)
1	TRCT3	13	YELLOW (-)



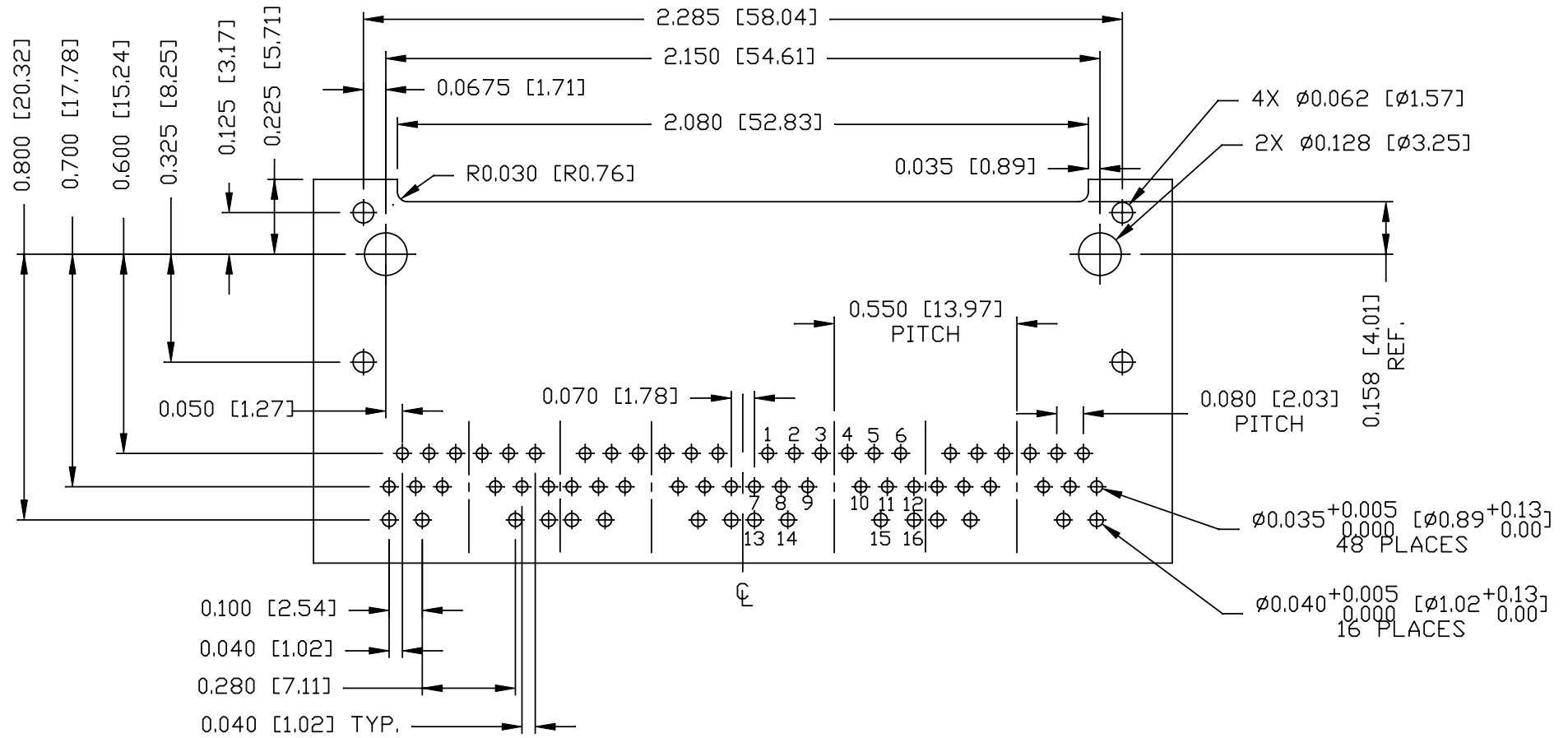
THE SHADED AREA ON THE CUSTOMER BOARD ARE RECOMMENDED TO BE CLEAR OFF ANY VIA HOLE OR COMPONENT PAD.

ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM. TOL. IN INCH	[] METRIC DIM. AS REFERENCE	REV. :
ZX HUANG	06-16-09	1X4 gigabit MagJack® (12 cores, Tab Up) 0826-1X4T-23-F PATENTED	08261X4T23-F	.X	UNIT : INCH [mm]	F
DRAWN BY	DATE		FILE NAME	.XX	SCALE : N/A	SIZE : A4
BL CHEN	06-16-09		08261X4T23-F_F.DWG	.XXX	±0.004	PAGE : 4



THE INFORMATION CONTAINED HEREIN IS CONSIDERED "PROPRIETARY" TO BEL FUSE INC. AND SHALL NOT BE COPIED, REPRODUCED OR DISCLOSED WITHOUT THE WRITTEN APPROVAL OF BEL FUSE INC.

RoHS
2002/95/EC



RECOMMENDED PCB FOOTPRINT

COMPONENT SIDE VIEW

ORIGINATED BY	DATE	TITLE 1X4 gigabit MagJack® (12 cores, Tab Up) 0826-1X4T-23-F PATENTED	PART NO. / DRAWING NO.	STANDARD DIM.	[] METRIC DIM. AS REFERENCE	
ZX HUANG	06-16-09		08261X4T23-F	TOL. IN INCH	UNIT : INCH [mm]	REV. : F
DRAWN BY	DATE		FILE NAME	.X	SCALE : N/A	SIZE : A4
BL CHEN	06-16-09		08261X4T23-F_F.DWG	.XX	±0.004	PAGE : 5
				.XXX		

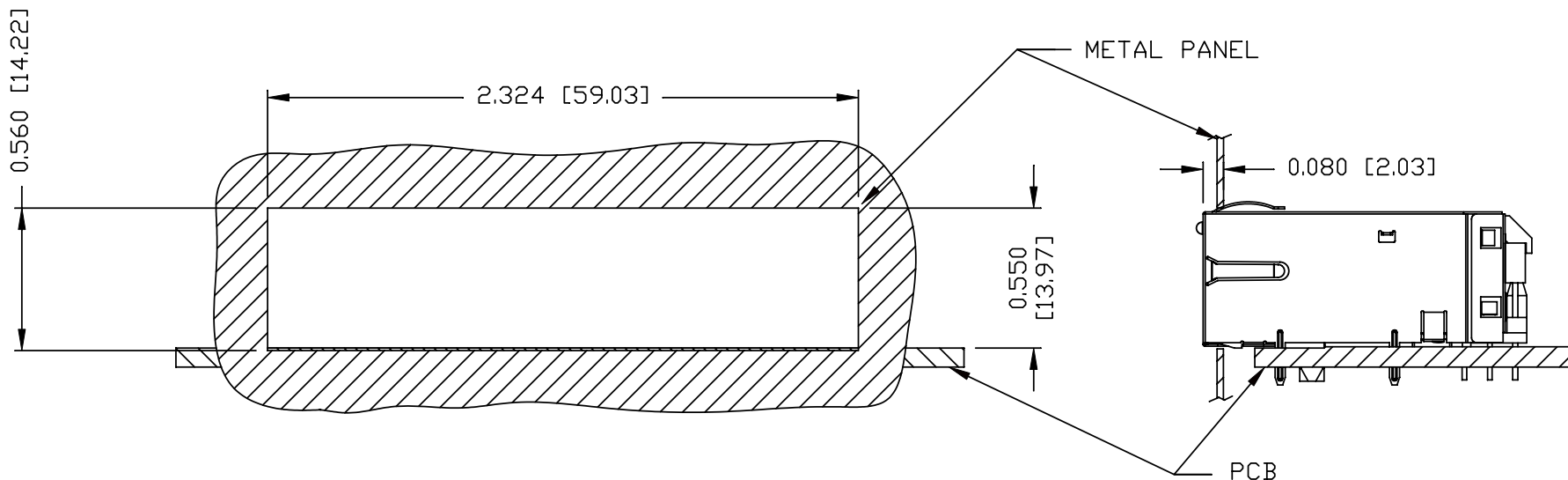


THE INFORMATION CONTAINED HEREIN IS CONSIDERED "PROPRIETARY" TO BEL FUSE INC. AND SHALL NOT BE COPIED, REPRODUCED OR DISCLOSED WITHOUT THE WRITTEN APPROVAL OF BEL FUSE INC.

RoHS
2002/95/EC



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)

ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM. TOL. IN INCH	[] METRIC DIM. AS REFERENCE	REV. :
ZX HUANG	06-16-09	1X4 gigabit MagJack® (12 cores, Tab Up) 0826-1X4T-23-F PATENTED	08261X4T23-F	.X	UNIT : INCH [mm]	F
DRAWN BY	DATE			.XX	SCALE : N/A	SIZE : A4
BL CHEN	06-16-09			.XXX	±0.004	⊕ — □



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