

Excellent Integrated System Limited

Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Bel Fuse Inc.](#)
[0826-1B4T-23-F](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

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RoHS
 2002/95/EC

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

ELECTRICAL CHARACTERISTICS @ 25°C

URNS RATIO

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

DCL @ 100kHz/100mVRMS

8mA DC BIAS	350µH MIN.
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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

CM TO CM REJ

100kHz - 100MHz	-30 dB MIN
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CM TO DM REJ

100kHz - 100MHz	-35 dB MIN
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HIPDT (Isolation Voltage):

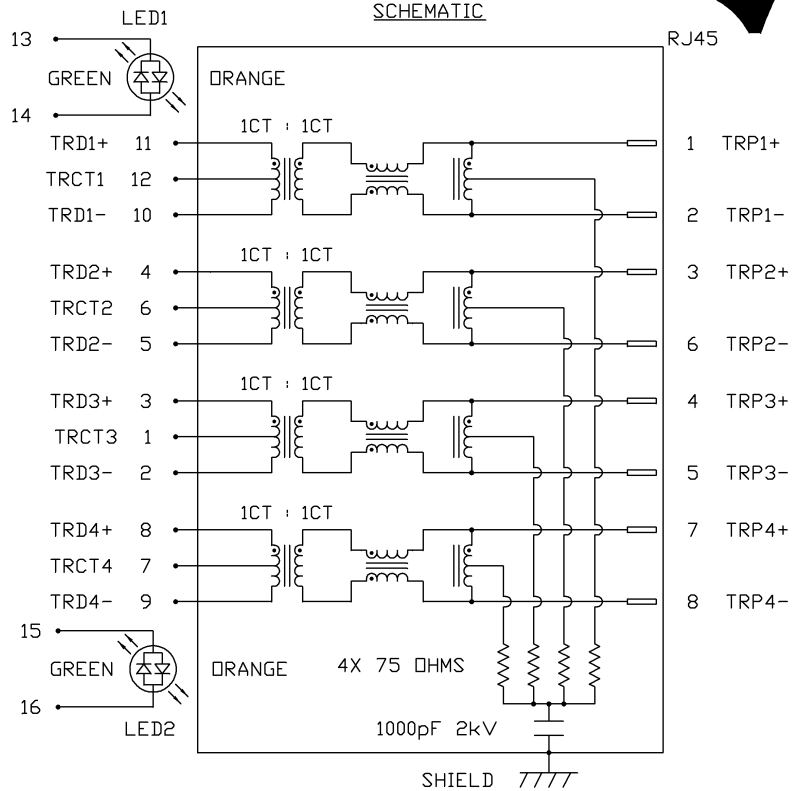
1500 Vrms

100% OF PRODUCTION TESTED

TO COMPLY WITH IEEE 802.3 REQUIREMENTS

LED 1 & 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.



ORIGINATED BY		DATE	TITLE	PART NO. / DRAWING NO.		STANDARD DIM.		[] METRIC DIM. AS REFERENCE		 COMPONENTS OR A CONNECTED PLANET	
CHOW WANCHUNG		08-06-08		08261B4T23-F		TOL. IN INCH		UNIT : INCH [mm]			REV. : B
DRAWN BY		DATE		FILE NAME		.X		SCALE : N/A			SIZE : A4
WEIDE LEE		08-06-08		0826-1B4T-23-F		.XX					PAGE : 2
						.XXX					
			1X4 gigabit MagJack® (12 cores,Tab Up)								

DC002(2)032305

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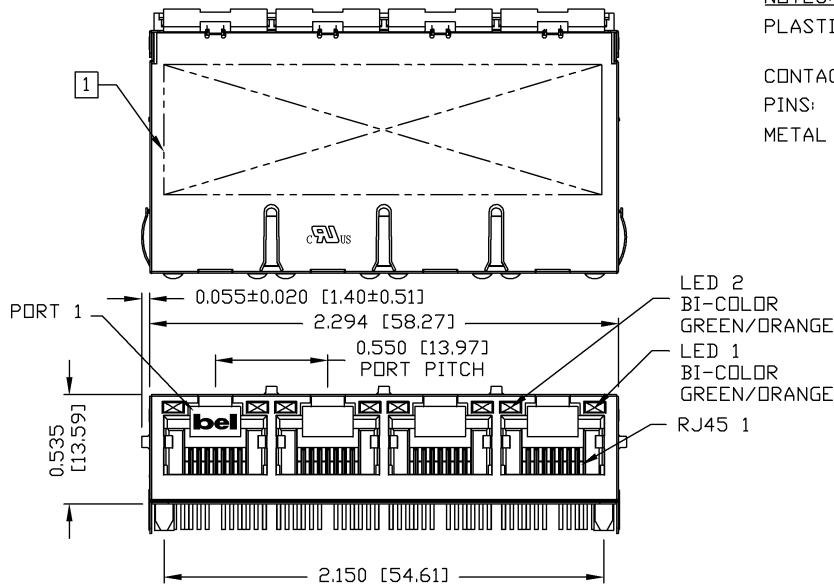
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NOTES:

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 AND DATE CODE.

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

UL US UL RECOGNIZED - FILE #E196366 AND E169987.

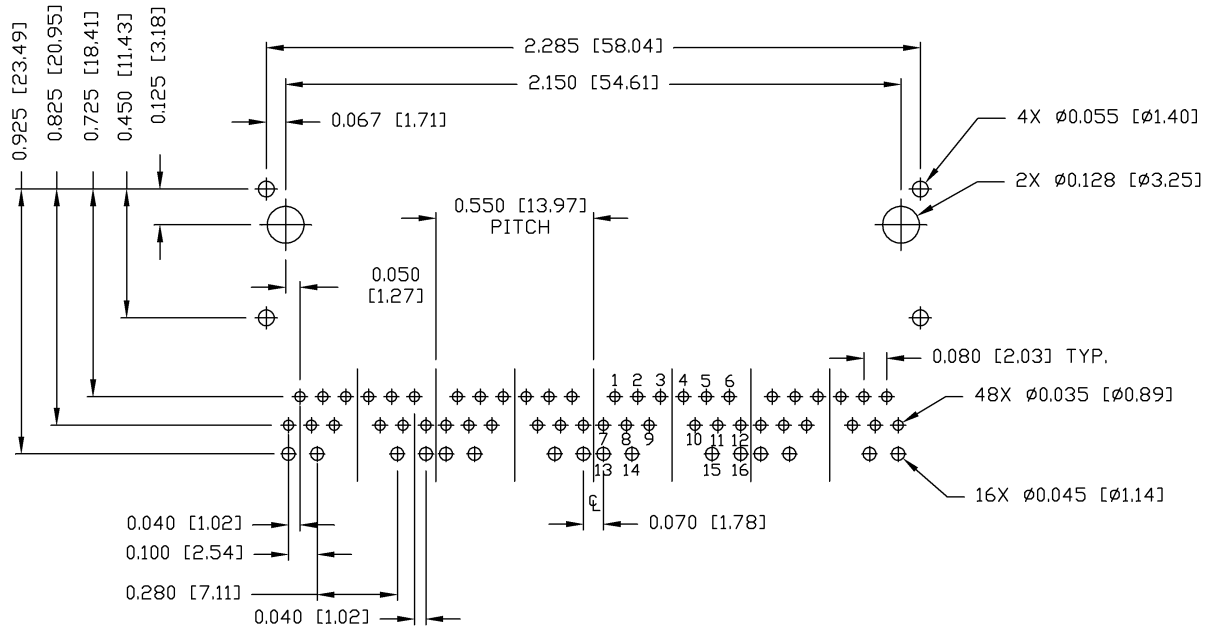
JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS.

ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM. TOL. IN INCH	[] METRIC DIM. AS REFERENCE
ZX HUANG	08-06-08	1X4 gigabit MagJack® (12 cores, Tab Up)	08261B4T23-F	.X .XX .XXX ±0.010	UNIT : INCH [mm] REV. : B
DRAWN BY	DATE		FILE NAME		SCALE : N/A SIZE : A4
BL CHEN	08-06-08	0826-1B4T-23-F	08261B4T23-F_B.DWG		PAGE : 3



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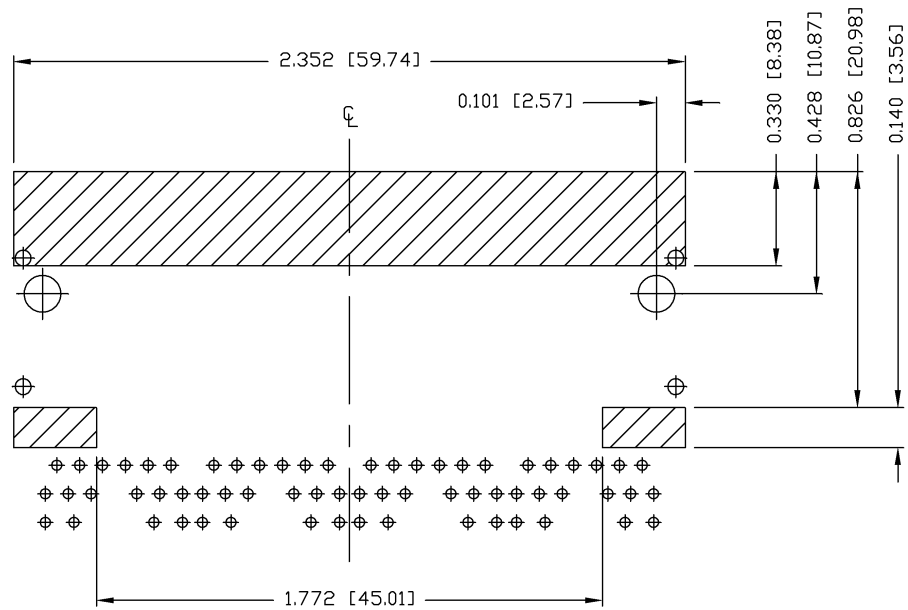
RECOMMENDED PCB FOOTPRINT
 COMPONENT SIDE VIEW

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DRAWN BY	DATE		FILE NAME	.XX	SCALE : N/A SIZE : A4
BL CHEN	08-06-08		08261B4T23-F_B.DWG	.XXX ±0.004	PAGE : 4



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NOTES:

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

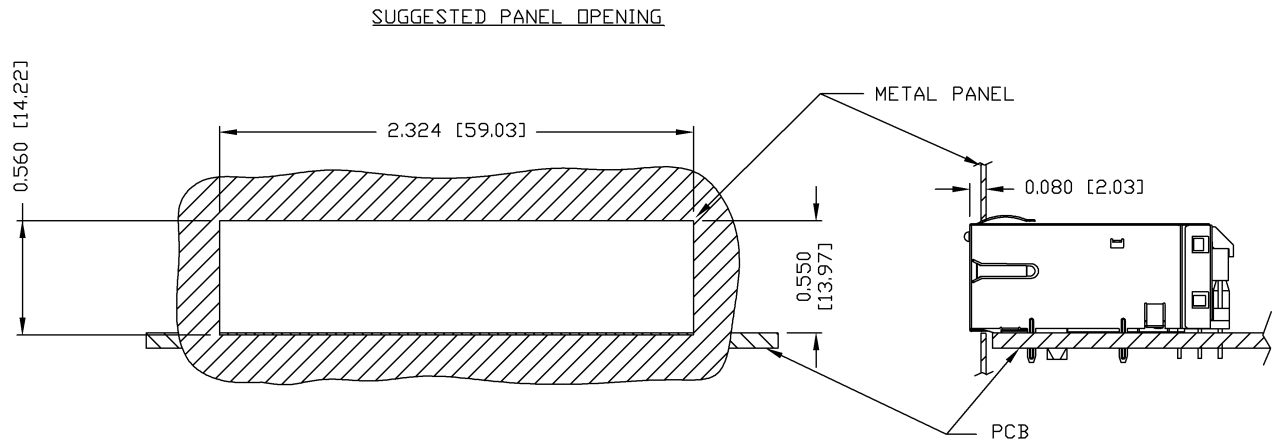
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DRAWN BY	DATE		FILE NAME	.X	SCALE : N/A	SIZE : A4	
BL CHEN	08-06-08		08261B4T23-F_B.DWG	.XX		PAGE : 5	
				.XXX	±0.004		

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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.		[] METRIC DIM. AS REFERENCE	
				TOL. IN INCH		UNIT : INCH [mm]	REV. : B
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DRAWN BY	DATE			.XX			PAGE : 6
BL CHEN	08-06-08			.XXX	±0.004		

