

Excellent Integrated System Limited

Stocking Distributor

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

[Bel Fuse Inc.](#)
[0826-1G1T-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
-	+	GREEN	-	+	GREEN

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	350mH 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

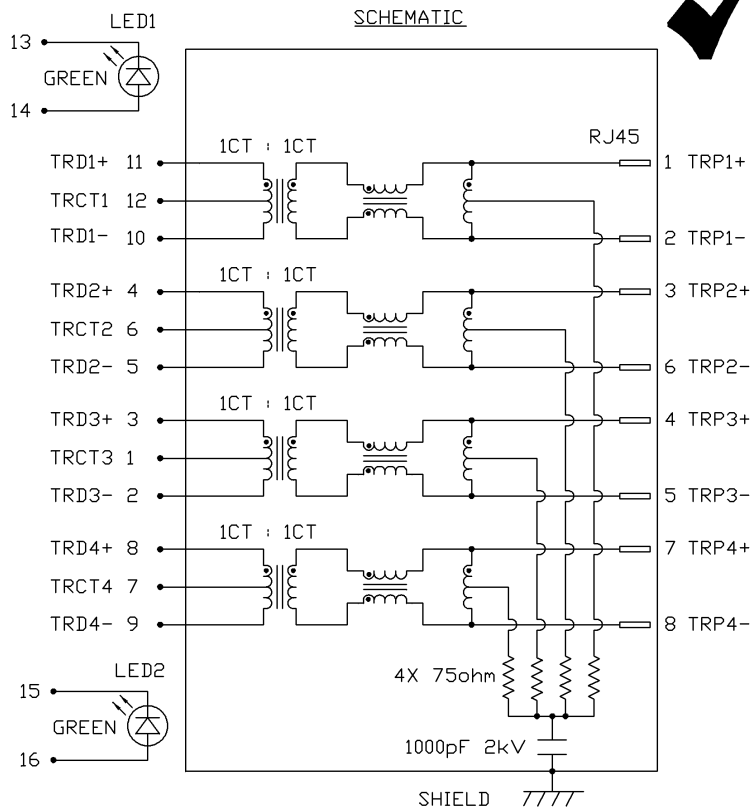
100kHz - 100MHz	-35 dB MIN
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HIPOT (Isolation Voltage):

1500 Vrms or 2250VDC

LED 1 & 2

VF (FORWARD VOLTAGE)	IF=20mA GREEN 2.2V TYP.
λD (DOMINANT WAVELENGTH)	IF=20mA GREEN 565nm TYP.



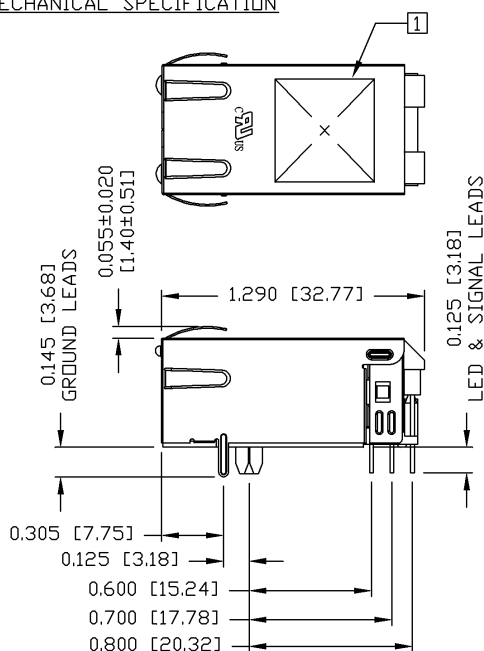
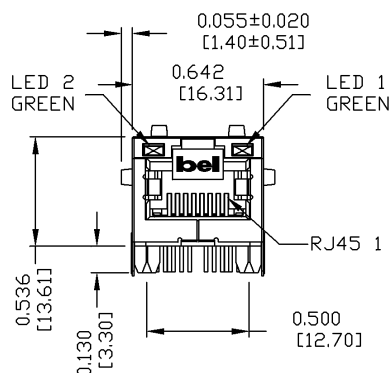
ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM.	[] METRIC DIM. AS REFERENCE
CHOW WANCHUNG	07-31-08	gigabit MagJack®	08261G1T23-F	TOL. IN INCH	UNIT : INCH [mm] REV. : C
DRAWN BY	DATE	(12 cores, Tab Up)	FILE NAME	.X	SCALE : N/A SIZE : A4
LEE WEIDE	07-31-08	0826-1G1T-23-F	08261G1T23-F_C.DWG	.XX	SIZE : A4
				.XXX	PAGE : 2



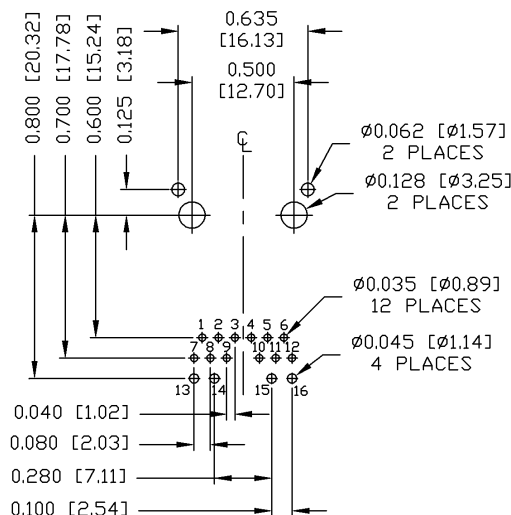
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MECHANICAL SPECIFICATION

RoHS
2002/95/EC



RECOMMENDED PCB FOOTPRINT COMPONENT SIDE VIEW



NOTES:

- PLASTIC HOUSING: THERMOPLASTIC PA
FLAMMABILITY RATING UL 94V-0
- CONTACTS: 50 MICRO-INCH HARD GOLD PLATING
- OUTPUT PINS: TIN-COATED COPPER WIRE, DIA 0.018 INCH.
- METAL SHIELD: NICKEL PLATED ON COPPER ALLOY.
(ALL GROUND LEADS ARE SOLDER DIPPED)
- ☐ MARK PART WITH MFG LOGO, MFG NAME, PART NUMBER, AND DATE CODE.

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

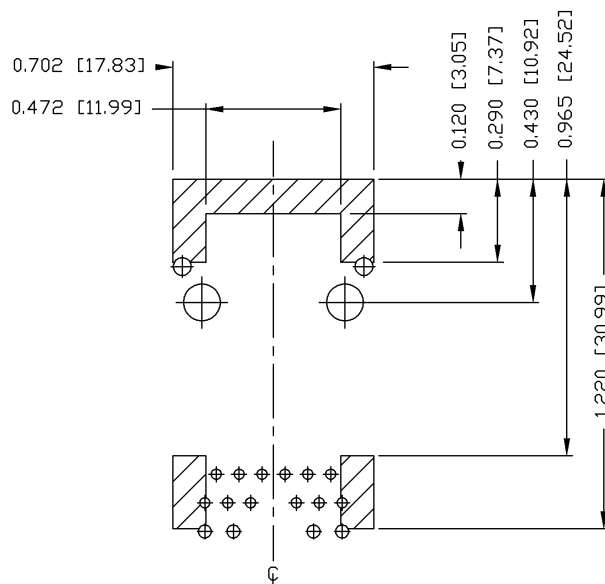
UL US UL RECOGNIZED - FILE #E196366 AND E169987.

JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS.

ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM.	[] METRIC DIM. AS REFERENCE
ZX HUANG	07-31-08	glgabit MagJack ® (12 cores, Tab Up)	08261G1T23-F	TOL. IN INCH	UNIT : INCH [mm] REV. : C
DRAWN BY	DATE		FILE NAME	.X	SCALE : N/A SIZE : A4
BL CHEN	07-31-08		08261G1T23-F_C.DWG	.XX	PAGE : 3
				.XXX ±0.010	



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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 ZX HUANG	DATE 07-31-08	TITLE gigabit MagJack® (12 cores, Tab Up) 0826-1G1T-23-F	PART NO. / DRAWING NO. 08261G1T23-F	STANDARD DIM. TOL. IN INCH .X .XX .XXX ±0.004	[] METRIC DIM. AS REFERENCE UNIT : INCH [mm] SCALE : N/A SIZE : A4 PAGE : 4
DRAWN BY BL CHEN	DATE 07-31-08	FILE NAME 08261G1T23-F_C.DWG			

DC002(2)032305

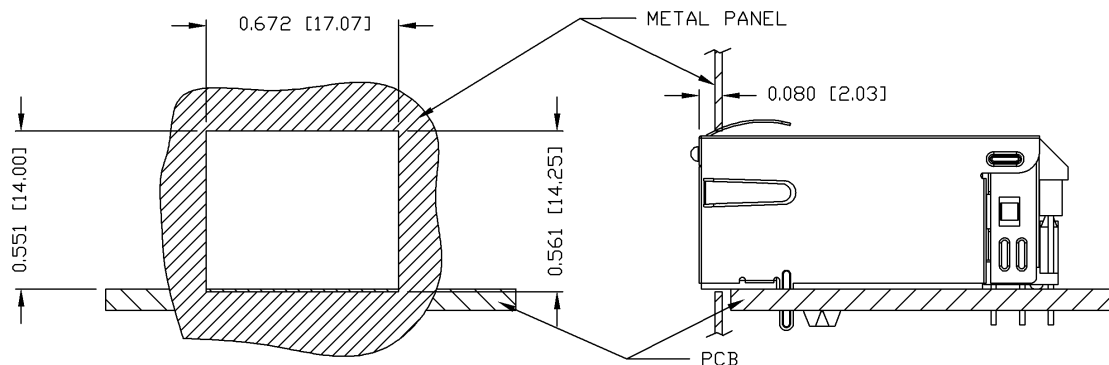
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SUGGESTED PANEL OPENING



NOTE:

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-F6 (TOP)
0200-9999-F7 (BOTTOM)

PACKING QUANTITY : 40 PCS FINISHED GOODS PER TRAY
10 TRAYS (400 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 ZX HUANG	DATE 07-31-08	TITLE gigabit MagJack® (12 cores, Tak Up) 0826-1G1T-23-F	PART NO. / DRAWING NO. 08261G1T23-F	STANDARD DIM. TOL. IN INCH	[] METRIC DIM. AS REFERENCE	 COMPONENTS FOR A CONNECTED PLANET
DRAWN BY BL CHEN	DATE 07-31-08		FILE NAME 08261G1T23-F_C.DWG	.X	UNIT : INCH [mm]	
				.XX	SCALE : N/A	
				.XXX	±0.004	
						REV. : C
						SIZE : A4
						PAGE : 5

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