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.

LED 1 POLARITY			LED 2 POLARITY			
PIN 13	PIN 14	COLOR	PIN 15	PIN 16	COLOR	
ı	+	GREEN	-	+	GREEN	
+	_	□RANGE	+	_	DRANGE	

ELECTRICAL CHARACTERISTICS @ 25°C

TURNS RATIO

TP1 1CT : 1CT ±2% TP2 1CT : 1CT ±2% TP3 1CT : 1CT ±2% TP4 1CT : 1CT ±2% DCL @ 100kHz/100mVRMS (0-70 Deg. C) 350µH MIN. 8mA DC BIAS

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 TD 125MHz -1.2 dB MAX

RET. LOSS (MIN) @ 100 OHMS +/-15% 0.5MHz-40MHz -18 dB

40MHz-100MHz $-12+20L\Box G(f/80MHz) dB$

CM TO CM REJ

100kHz - 100MHz -30 dB MIN

CM TO DM REJ

100kHz - 100MHz -35 dB MIN

HIPOT (Isolation Voltage): 1500 Vrms / 2250 VDC

100% OF PRODUCT TESTED IN PRODUCTION

LED 1 & LED2

VF (FORWARD VOLTAGE)

IF=20mA

2.2V TYP.

2.0V TYP.

λD (DOMINANT WAVELENGTH)

GREEN IF=20mA

GREEN

DRANGE

565nm TYP. 610nm TYP.

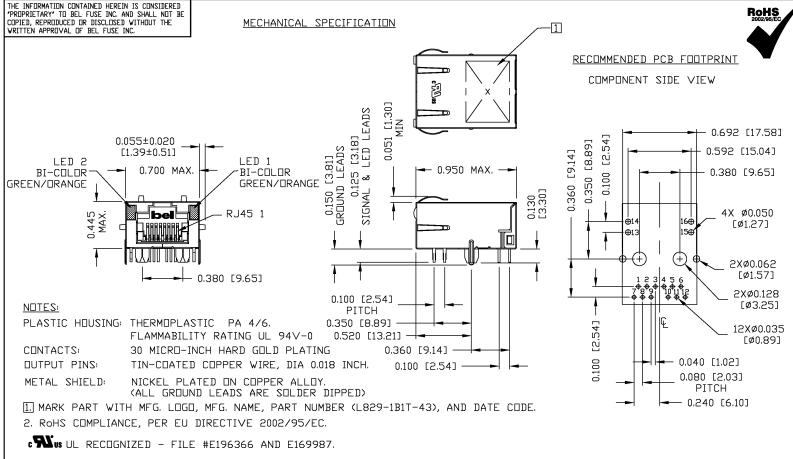
DRANGE

<u>SCHEMATIC</u>		v
13 LED1		_
GREEN GRANGE	RJ4	1 5
14 - 1CT : 1CT TRD1+ 11 - 1CT TRD1+	1	TRP1+
TRCT1 12 • T4.7pF		
TRD1- 10 •	2	TRP1-
TRD2+ 4 • 1CT : 1CT	3	TRP2+
TRCT2 6 - T4.7pF		
TRD2- 5	6	TRP2-
TRD3+ 3 1CT : 1CT	4	TRP3+
TRCT3 1 • T4.7pF		
TRD3- 2 • • • • • • • • • • • • • • • • • •	5	TRP3-
TRD4+ 8 - 1CT : 1CT	7	TRP4+
TRCT4 7 + ==================================		
TRD4- 9	8	TRP4-
15 • 4X 75 DHMS \$ \$ \$ \$		
GREEN (本文) DRANGE		
16 LED2 1000pF 2kV		
SHIELD 7777		

RoHS

ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM.	[] METRIC DIM. AS REFERENCE	Ī_
CHUNG	08-11-05	gigabit MagJack®	L829-1B1T-43	TOL. IN INCH	UNIT : INCH [mm] REV. : B	i be
DRAWN BY	DATE	(Ultra Low Profile)	FILE NAME	1 <u>.x</u>	SCALE : N/A SIZE : A4	COMPONENTS
DE	08-11-05	(of the Low Profile)	L8291B1T43B.DWG	.xx	PAGE : 2	PLANET
DC002(2)032305	This document is electronically generated. This is a controlled copy if used internally					

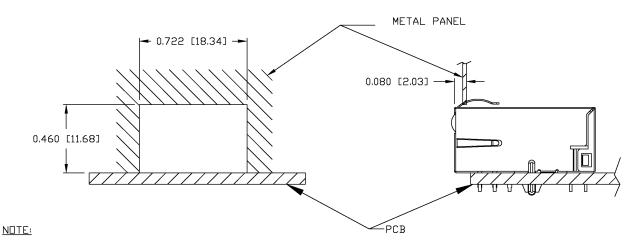
PIN



ORIGINATED BY	DATE	TITLE PART NO. / DRAWING NO. STANDARD D		ARD DIM.	[] METRIC DIM. AS REFERENCE			
BILL/KEUNG	08-11-05	gigabit MagJack®	L829-1B1T-43	TOL.	IN INCH	UNIT : INCH [mm]	REV. : B	bel
DRAWN BY	DATE	(Ultra Low Profile)	FILE NAME	.xx		SCALE: N/A	SIZE : A4	COMPONENTSFORA
SALLY	08-11-05	Cocce a Low Fronces	L8291B1T43B.DWG	.XXX	±0.010	\oplus	PAGE: 3	PLANET PLANET

RoHS 2002/95/EC

SUGGESTED PANEL OPENING



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.

TRAY PACKING INFORMATION

PACKING TRAY: 0200-9999-E4 (TOP) 0200-9999-E5 (BOTTOM)

PACKING QUANTITY: 60 PCS FINISHED GOODS PER TRAY

11 TRAYS (660 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 REFEREN	ICE
BILL/KEUNG	08-11-05	gigabit MagJack®	L829-1B1T-43	TOL. IN INCH	UNIT : INCH [mm] REV. :	В
DRAWN BY	DATE	(Ultra Low Profile)	FILE NAME	.x	SCALE: N/A SIZE:	A4
SALLY	08-11-05	total de low 11 orker	L8291B1T43B.DWG	.XXX ±0.005	PAGE:	4

