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

RoHS
2002/95/EC



ELECTRICAL CHARACTERISTICS @ 25°C

TURNS 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)

0.5MHz-40MHz	-18 dB
40MHz-100MHz	-12+20L _{OG} (f/80MHz) dB

Cross Talk

Ch1-Ch2, Ch2-Ch3, Ch3-Ch4
Ch4-Ch1, Ch2-Ch4, Ch3-Ch1

1MHz - 30MHz	-37dB	MIN
30MHz - 80MHz	-29dB	MIN
80MHz - 100MHz	-28dB	MIN

CM TO DM REJ

100kHz - 100MHz -35 dB MIN

HIPOT (Isolation Voltage):

100% OF PRODUCTION TESTED TO COMPLY

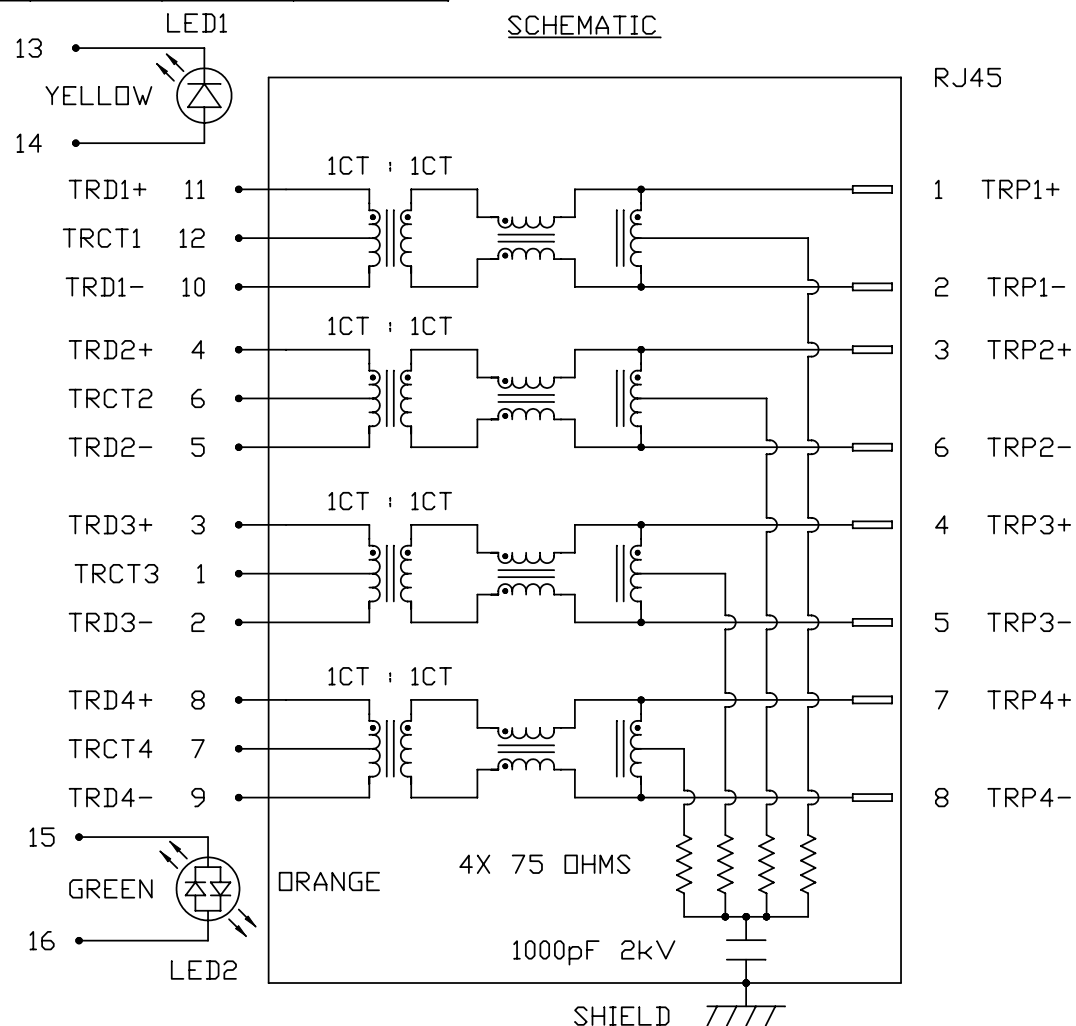
WITH IEEE 802.3 ISOLATION REQUIREMENTS.

LED1

VF (FORWARD VOLTAGE)	IF=20mA	YELLOW	2.1V TYP.
λD (DOMINANT WAVELENGTH)	IF=20mA	YELLOW	590nm TYP.

LED2

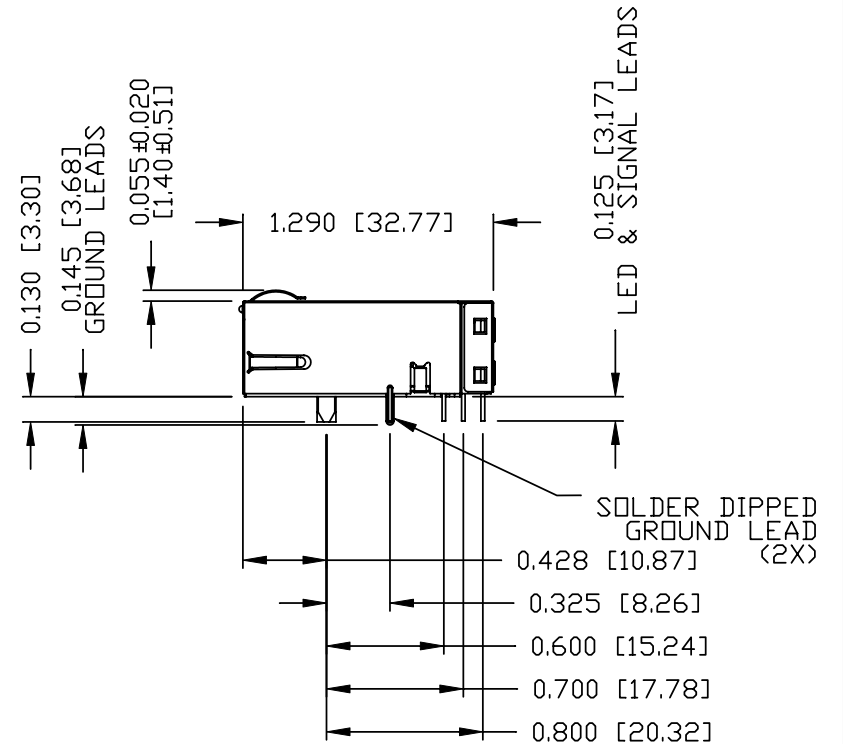
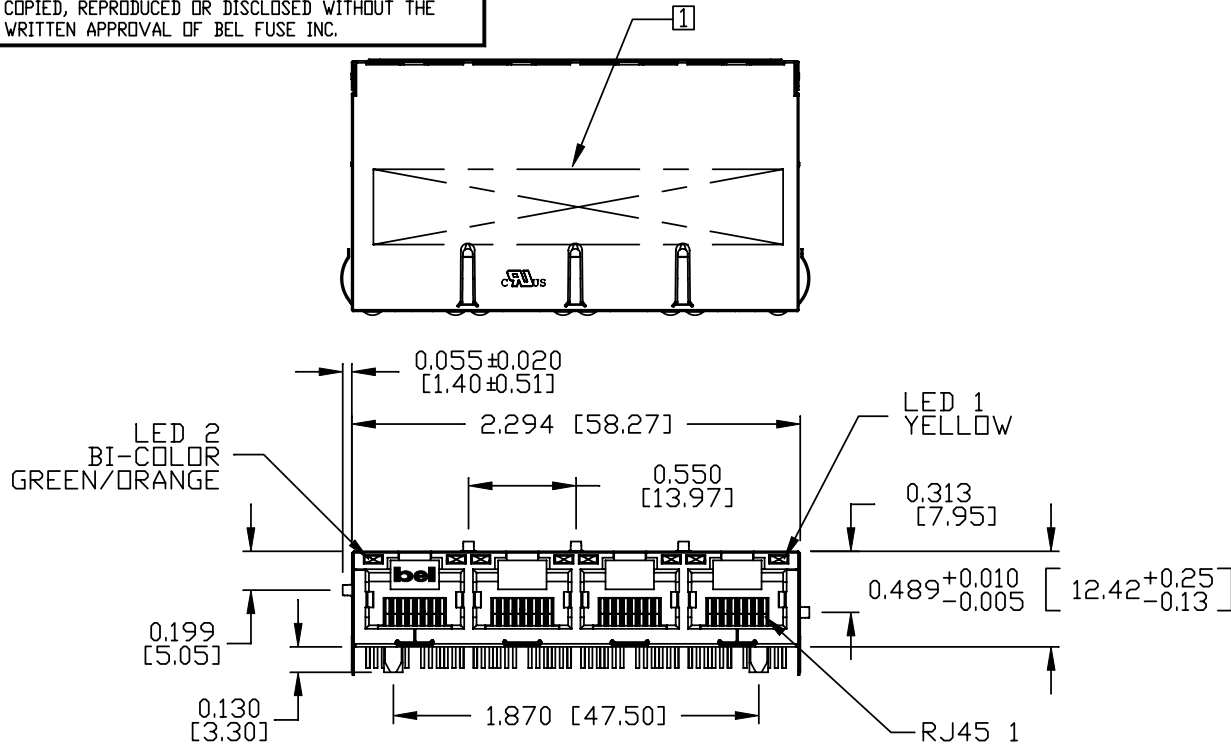
VF (FORWARD VOLTAGE)	IF=20mA	GREEN	2.2V TYP.
		ORANGE	2.0V TYP.
λD (DOMINANT WAVELENGTH)	IF=20mA	GREEN	565nm TYP.
		ORANGE	610nm TYP.



ORIGINATED BY	DATE	TITLE 1X4 gigabit MagJack® (12 cores, Tab Up) L826-1X4T-23-F	PART NO. / DRAWING NO. L8261X4T23-F	STANDARD DIM.		[] METRIC DIM. AS REFERENCE		 COMPONENTS FOR A CONNECTED PLANET™
CHOW WANGCHUNG	02-17-11			TOL. IN INCH		UNIT : INCH [mm]	REV. : D	
DRAWN BY	DATE		FILE NAME L8261X4T23-F_D.DWG	.X		SCALE : N/A	SIZE : A4	
LEE WEIDE	02-17-11	.XX		.XXX		PAGE : 2		

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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 DIPPING)

1. MARK PART WITH MFG LOGO, MFG NAME, PART NUMBER, DATE CODE AND PATENTED.
JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS.

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

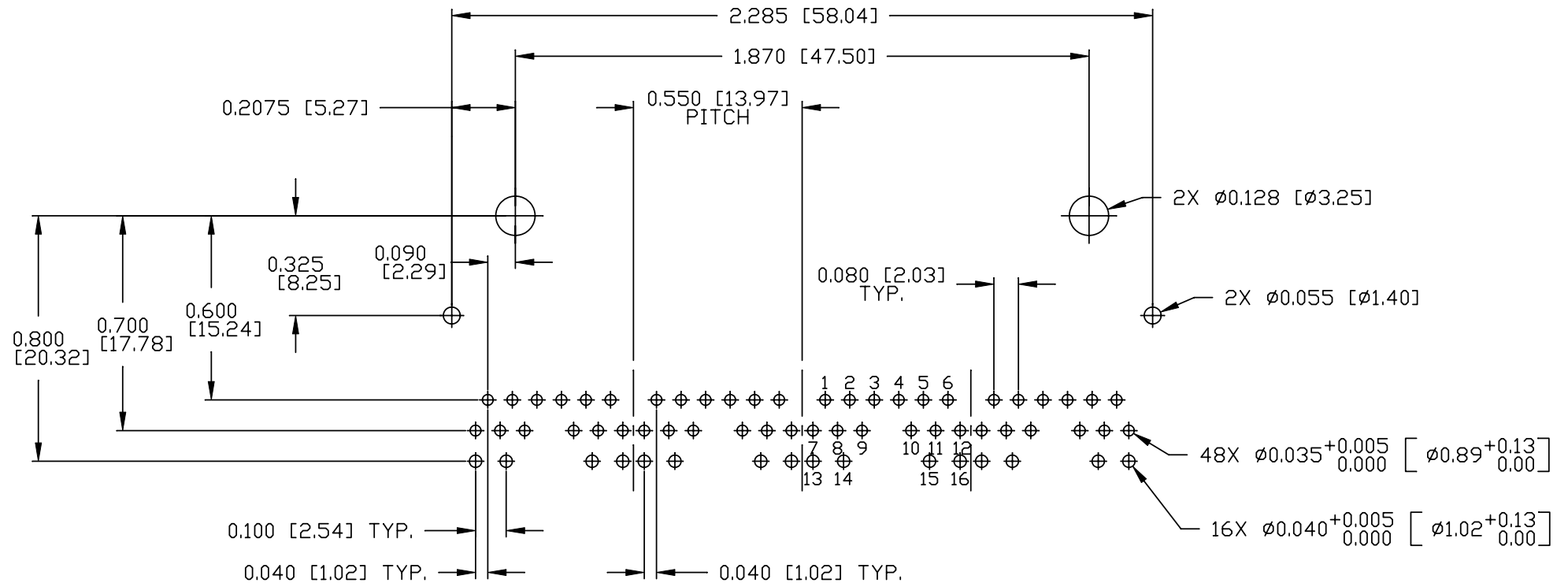
2. THE PRODUCT IS PATENT PRODUCT. THE PATENT NUMBER IS U.S. PAT. 5,736,910.

ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM. TOL. IN INCH	[] METRIC DIM. AS REFERENCE	
ANTON LIAO	02-17-11	1X4 gigabit MagJack® (12 cores, Tab Up) L826-1X4T-23-F	L8261X4T23-F	.X	UNIT : INCH [mm]	
DRAWN BY	DATE		FILE NAME	.XX	SCALE : N/A	
SHAWN FENG	02-17-11		L8261X4T23-F_D.DWG	.XXX	±0.010	
						REV. : D SIZE : A4 PAGE : 3

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bel
COMPONENTS FOR A
CONNECTED
PLANET



RECOMMENDED PCB FOOTPRINT
(COMPONENT SIDE VIEW)

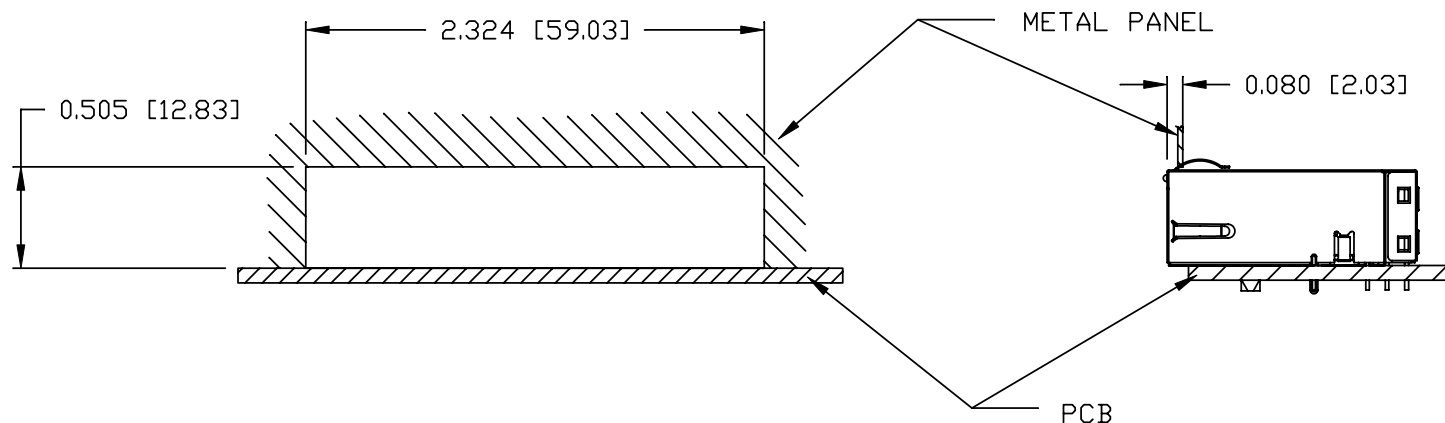
ORIGINATED BY ANTON LIAO	DATE 02-17-11	TITLE 1X4 glgabit MagJack® (12 cores, Tab Up) L826-1X4T-23-F	PART NO. / DRAWING NO. L8261X4T23-F		STANDARD DIM. TOL. IN INCH		[] METRIC DIM. AS REFERENCE		bel COMPONENTS FOR A CONNECTED PLANET
			FILE NAME L8261X4T23-F_D.DWG		.X		UNIT : INCH [mm]	REV. : D	
					.XX		SCALE : N/A	SIZE : A4	
DRAWN BY SHAWN FENG	DATE 02-17-11				.XXX	±0.004		PAGE : 4	

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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-D3 (TOP)

0200-9999-B5 (BOTTOM)

PACKING QUANTITY: 24 PCS FINISHED GOODS PER TRAY

10 TRAYS (240PCS FINISHED GOODS) PER CARTON BOX

REMARK : CARDBOARDS ARE PLACED BETWEEN LAYERS OF PACKING TRAY INSIDE CARTON BOX.
(INCLUDE THE UPPERMOST AND LOWERMOST TRAY)

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ANTON LIAO	02-17-11		FILE NAME L8261X4T23-F_D.DWG	.X		UNIT : INCH [mm]		REV. : D
DRAWN BY	DATE			.XX		SCALE : N/A		SIZE : A4
SHAWN FENG	02-17-11			.XXX	±0.004			PAGE : 5

bel
COMPONENTS FOR A
CONNECTED
PLANET