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RoHS

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 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+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

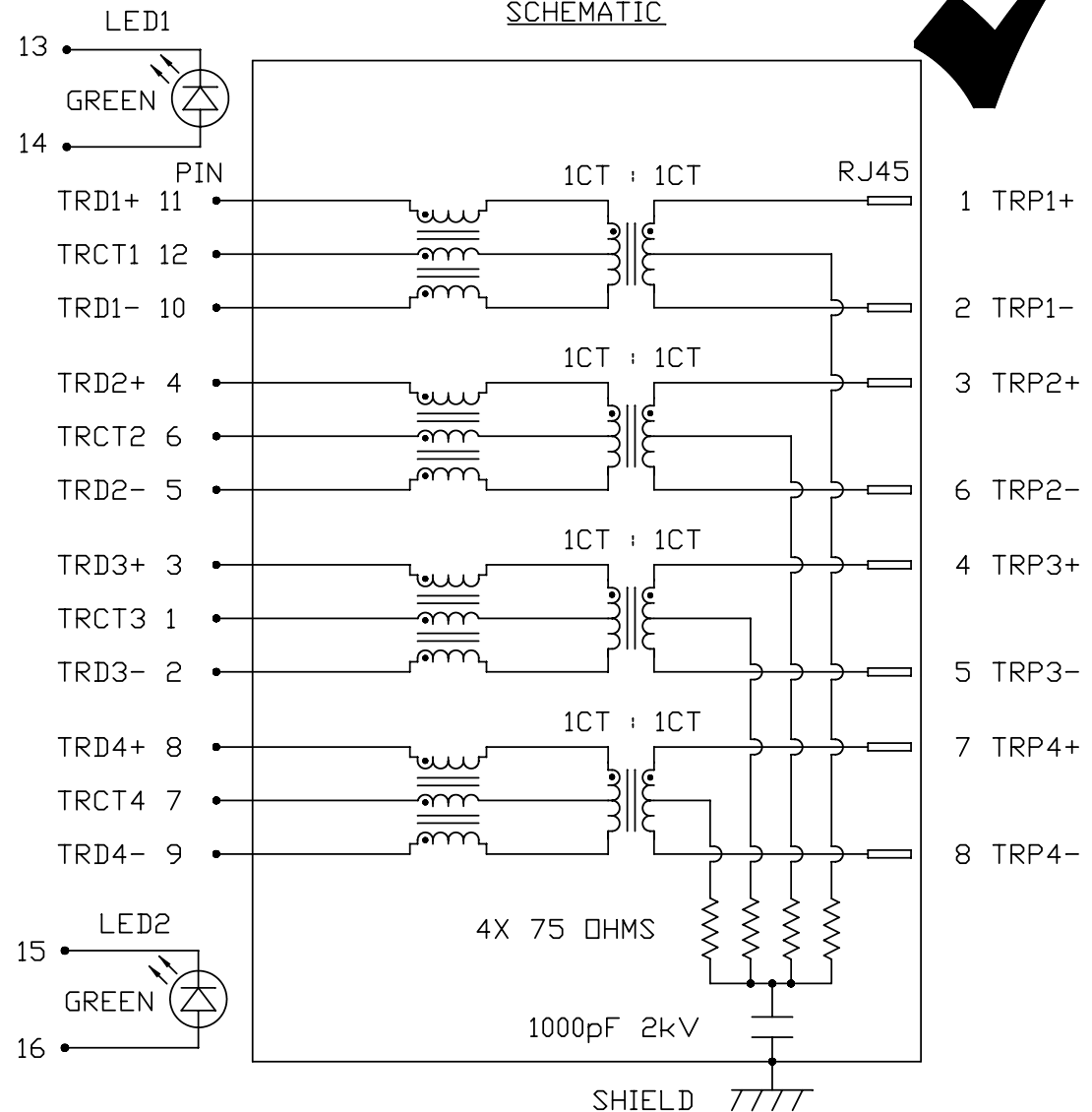
100% OF PRODUCTION TESTED TO COMPLY WITH IEEE 802.3 ISOLATION REQUIREMENTS.

OPERATING TEMPERATURE:

-40 TO +85°C

LED 1 & LED2

V _F (FORWARD VOLTAGE)	I _F =20mA	GREEN	2.2V TYP.
λ _D (DOMINANT WAVELENGTH)	I _F =20mA	GREEN	570nm TYP.



ORIGINATED BY DATE
CHOW WANCHUNG 2014-02-07

TITLE
glgabit MagJack®
(Extend Temperature)
PATENTED

PART NO. / DRAWING NO.
L834-1G1T-32

FILE NAME
L834-1G1T-32_B.DWG

STANDARD DIM.
TOL. IN INCH

.X
.XX
.XXX

[] METRIC DIM. AS REFERENCE

UNIT : INCH [mm] REV. : B

SCALE : N/A SIZE : A4

PAGE : 2

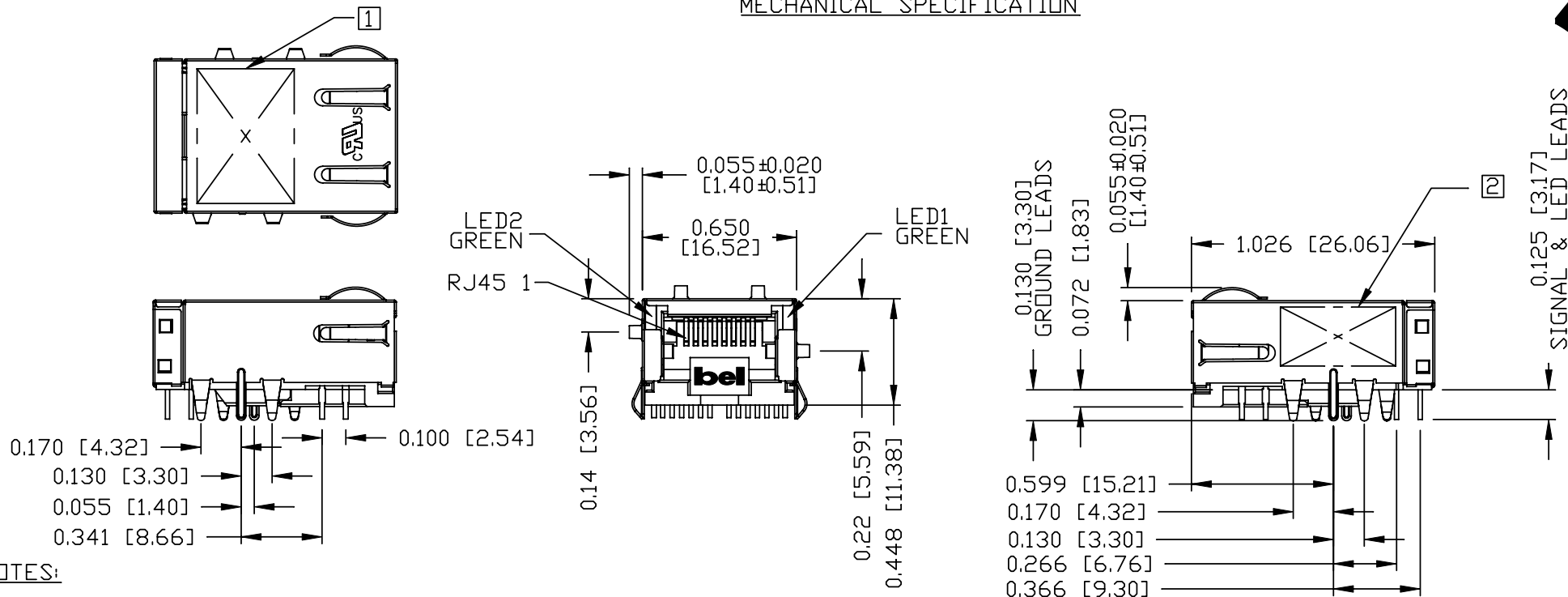
bel
COMPONENTS FOR A
CONNECTED
PLANET

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MECHANICAL SPECIFICATION



NOTES:

- 1. MARK PART WITH MFG. LOGO, MFG. NAME, PART NUMBER AND DATE CODE.
- 2. MARKING "PATENTED".
- 3. THE PRODUCT IS RoHS COMPLIANT.
- 4. THE PRODUCT IS PATENTED. THE PATENT NUMBER ARE U.S. PAT. 5,736,910 AND U.S. PAT. 6,840,817 AND U.S. PAT. 7,123,117.

- 5. 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
ANTON LIAO	2014-02-07	gigabit MagJack® (Extend Temperature) PATENTED	L834-1G1T-32	.X	UNIT : INCH [mm]
DRAWN BY	DATE		FILE NAME	.XX ±0.020	SCALE : N/A
LI QUANKUN	2014-02-07		L834-1G1T-32_B.DWG	.XXX ±0.010	REV. : B
					SIZE : A4
					PAGE : 3

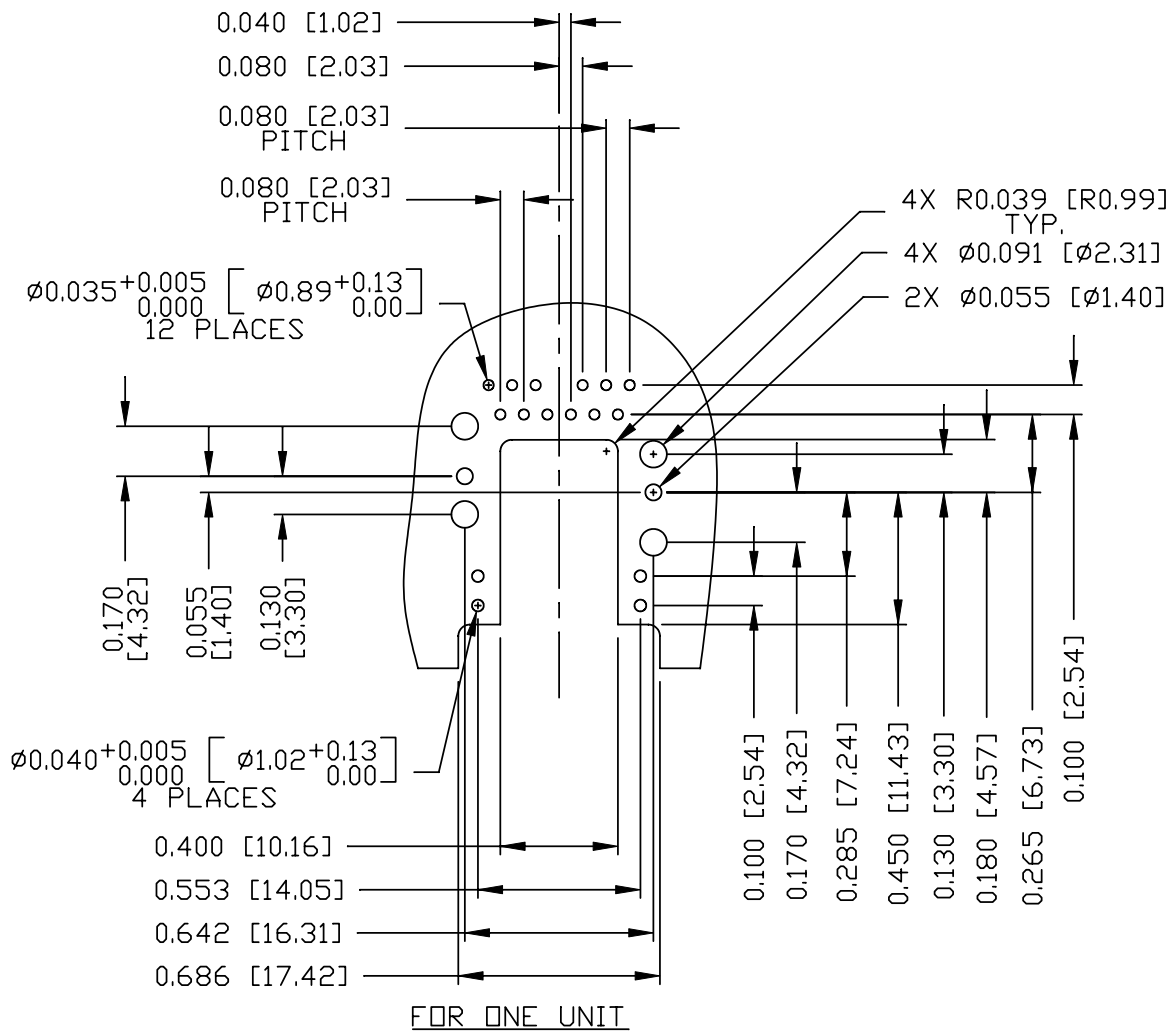


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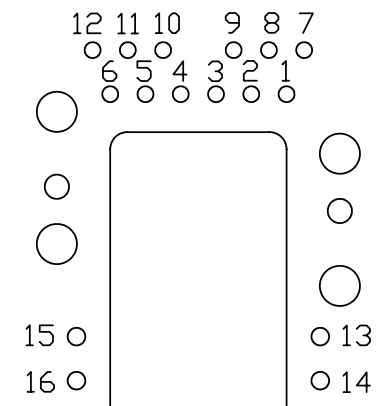
RoHS



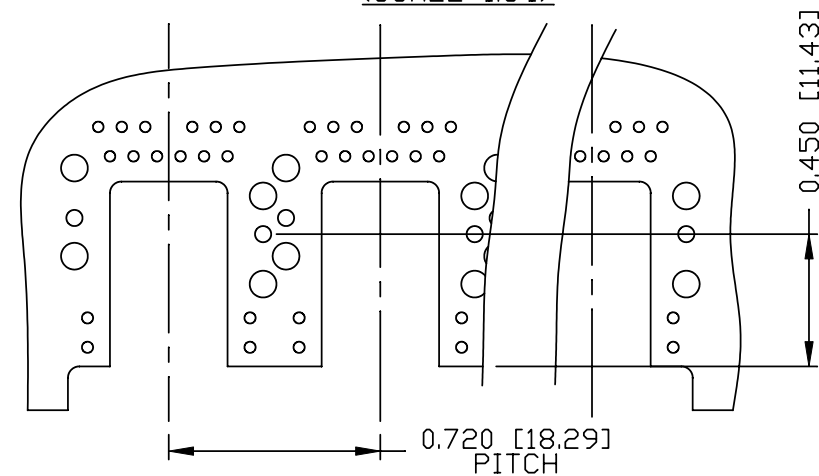
RECOMMENDED PCB FOOTPRINT
COMPONENT SIDE VIEW



FOR ONE UNIT



PIN-OUT ASSIGNMENT
(SCALE 1.5:1)



FOR MULTI-UNITS

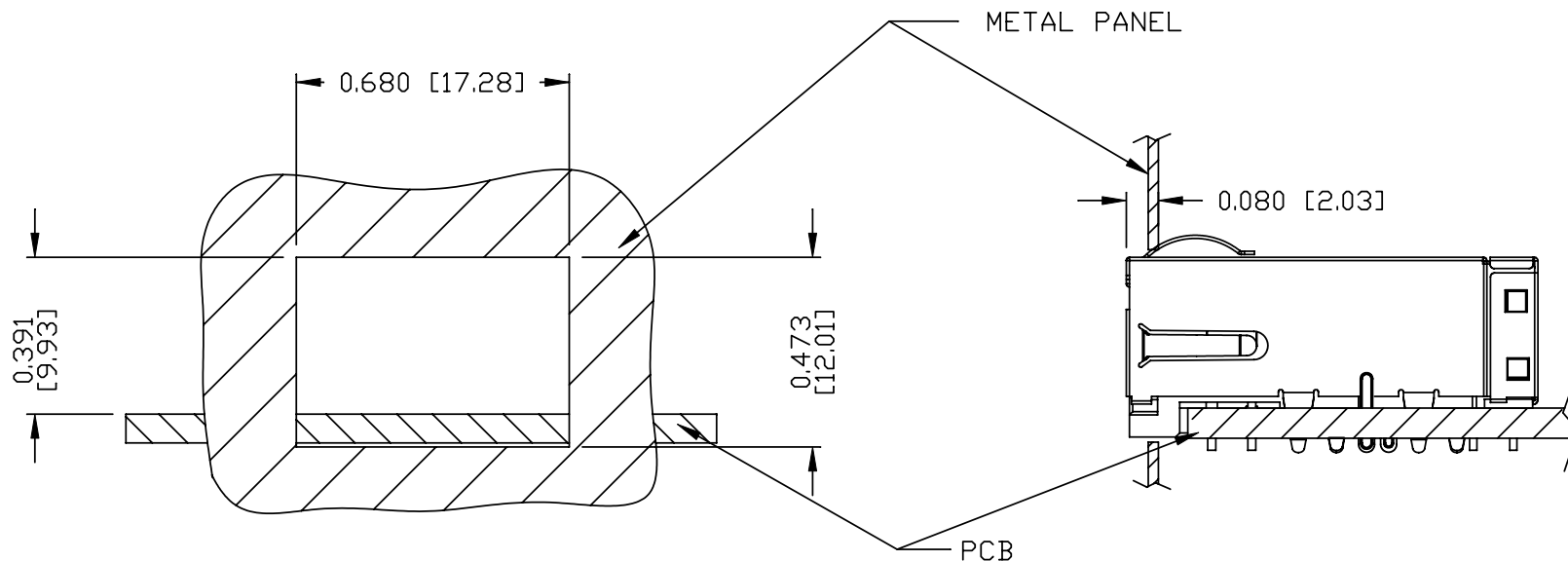
ORIGINATED BY ANTON LIAO	DATE 2014-02-07	TITLE gigabit MagJack® (Extend Temperature) PATENTED	PART NO. / DRAWING NO. L834-1G1T-32	STANDARD DIM. TOL. IN INCH	[] METRIC DIM. AS REFERENCE	 COMPONENTS FOR A CONNECTED PLANET
DRAWN BY LI QUANKUN	DATE 2014-02-07		FILE NAME L834-1G1T-32_B.DWG	.X .XX .XXX	±0.004	

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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-M3(TOP)
0200-9999-M4(BOTTOM)

PACKING QUANTITY : 65 PCS FINISHED GOODS PER TRAY.
12 TRAYS (780 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 ANTON LIAO	DATE 2014-02-07	TITLE gigabit MagJack® (Extend Temperature) PATENTED	PART NO. / DRAWING NO. L834-1G1T-32		STANDARD DIM. TOL. IN INCH		[] METRIC DIM. AS REFERENCE		REV. : B	bel COMPONENTS FOR A CONNECTED PLANET
			FILE NAME L834-1G1T-32_B.DWG		.X		UNIT : INCH [mm]	SCALE : N/A		
DRAWN BY LI QUANKUN	DATE 2014-02-07				.XX			SIZE : A4		
					.XXX	±0.004		PAGE : 5		