

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.
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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

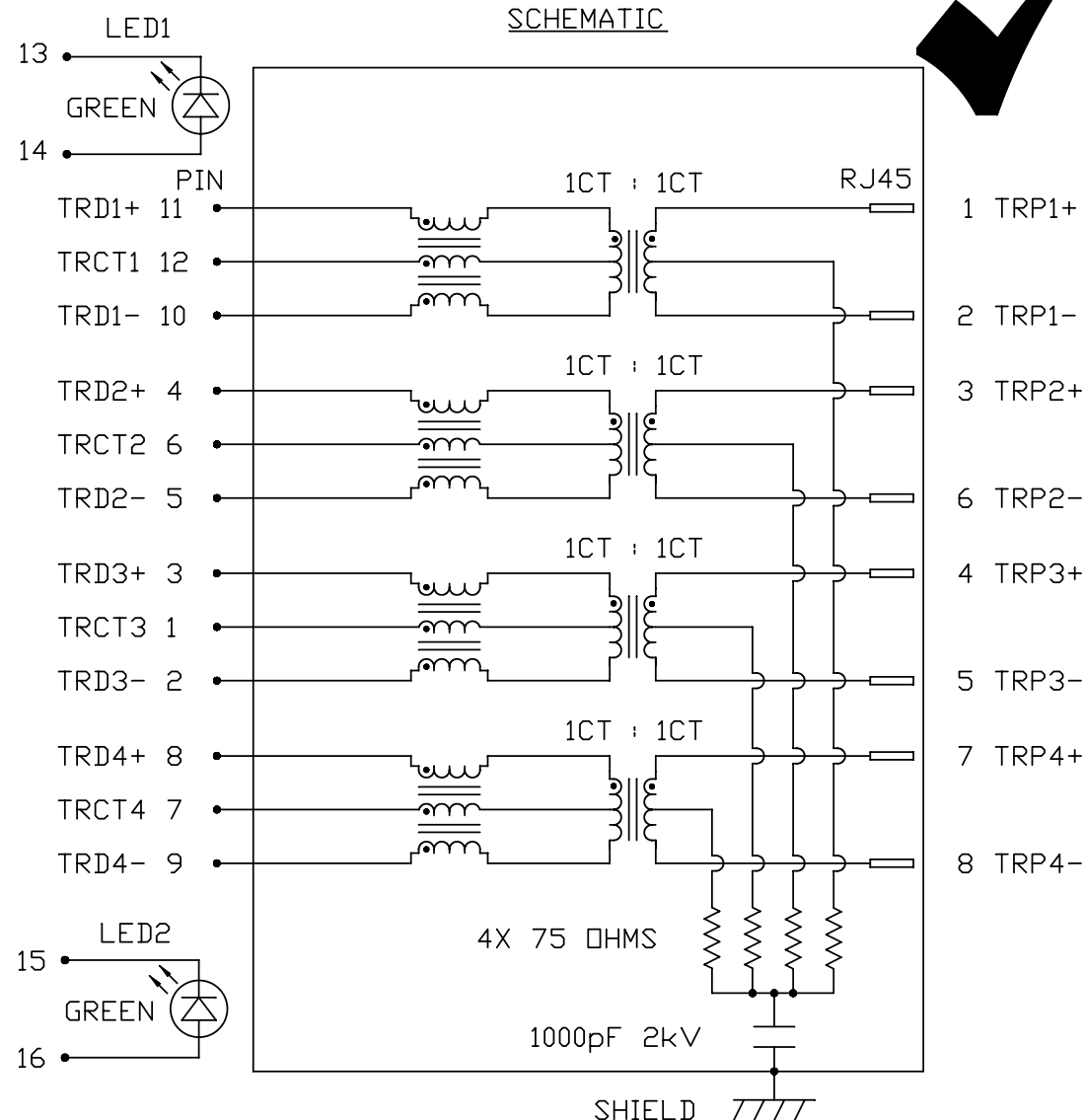
100% OF PRODUCTION TESTED TO COMPLY WITH IEEE 802.3 ISOLATION REQUIREMENTS.

OPERATING TEMPERATURE:

-40 TO +85°C

LED 1& LED2

V _F (FORWARD VOLTAGE)	IF=20mA	GREEN	2.2V TYP.
λ _D (DOMINANT WAVELENGTH)	IF=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]
SCALE : N/A
REV. : B
SIZE : A4
PAGE : 2

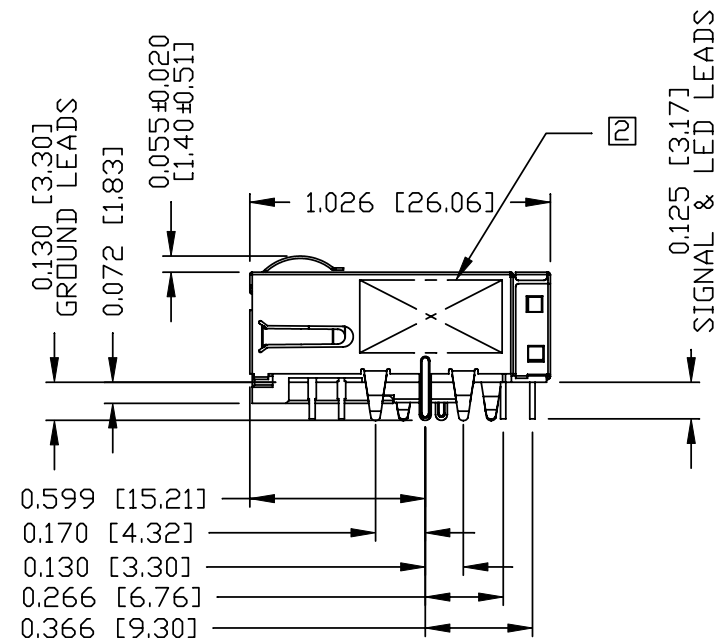
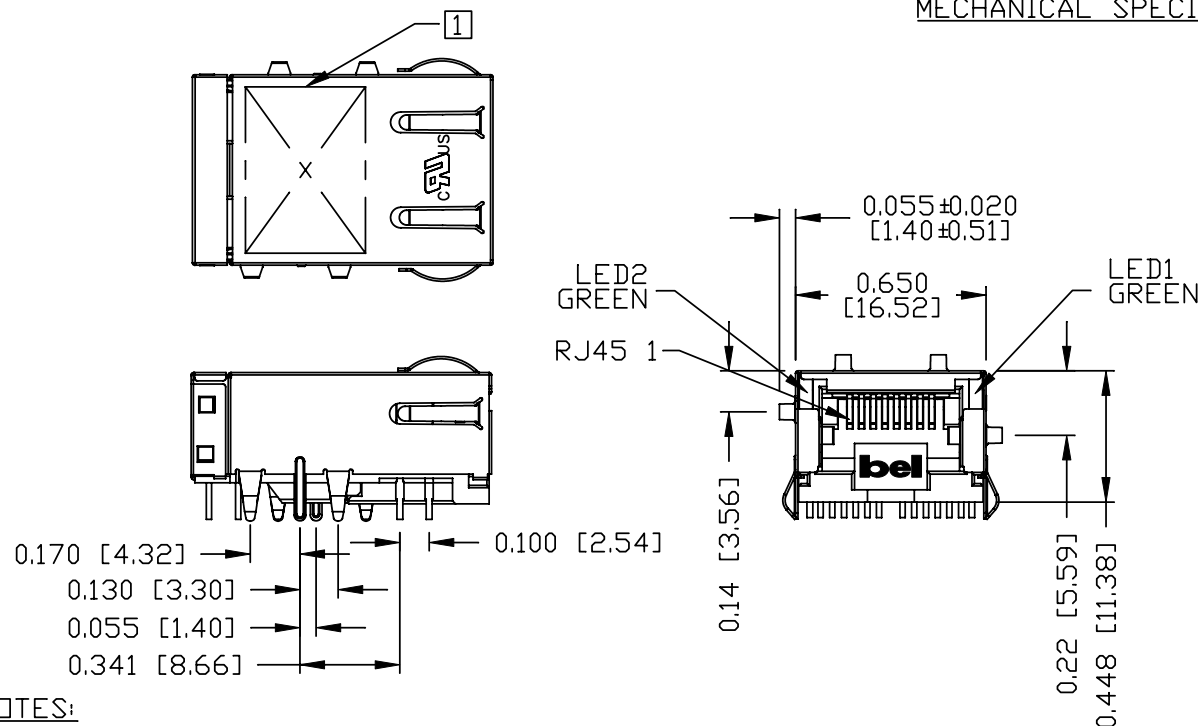
bel
COMPONENTS FOR A
CONNECTED
PLANET

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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	SCALE : N/A
LI QUANKUN	2014-02-07		L834-1G1T-32_B.DWG	.XXX	SIZE : A4
					PAGE : 3



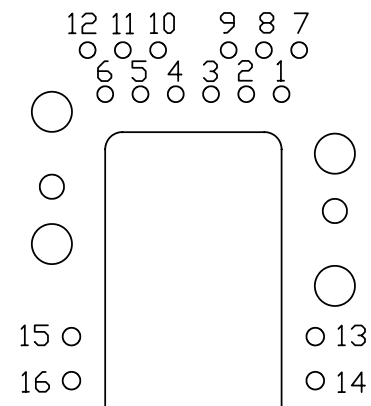
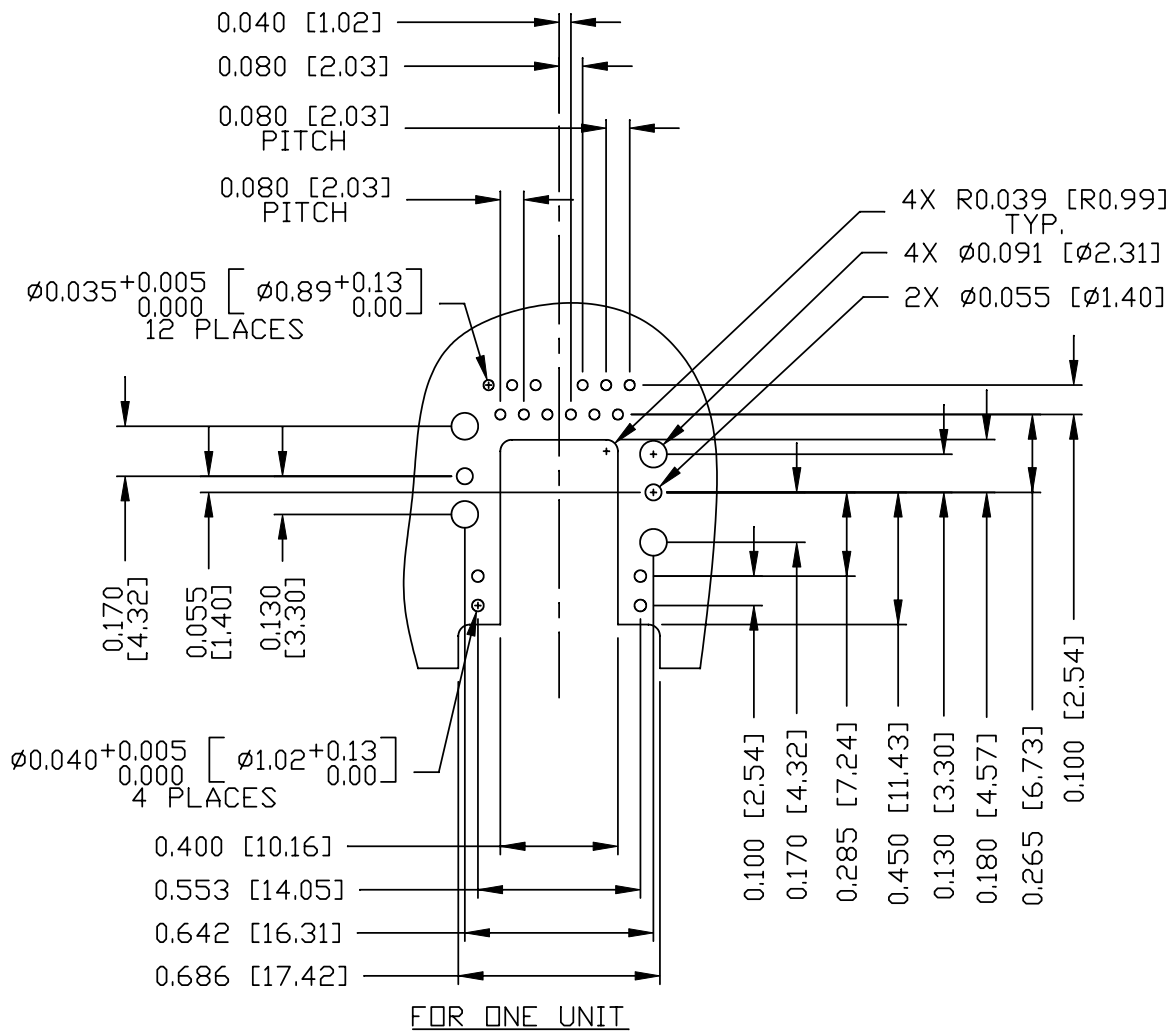
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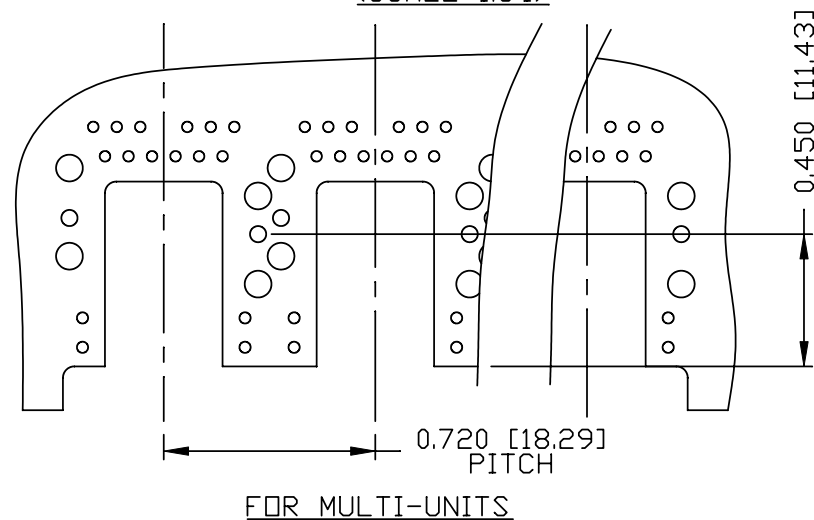
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RECOMMENDED PCB FOOTPRINT
COMPONENT SIDE VIEW



PIN-OUT ASSIGNMENT
(SCALE 1.5:1)



ORIGINATED BY	DATE
ANTON LIAO	2014-02-07
DRAWN BY	DATE
LI QUANKUN	2014-02-07

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FILE NAME
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STANDARD DIM. TOL. IN INCH
.X
.XX
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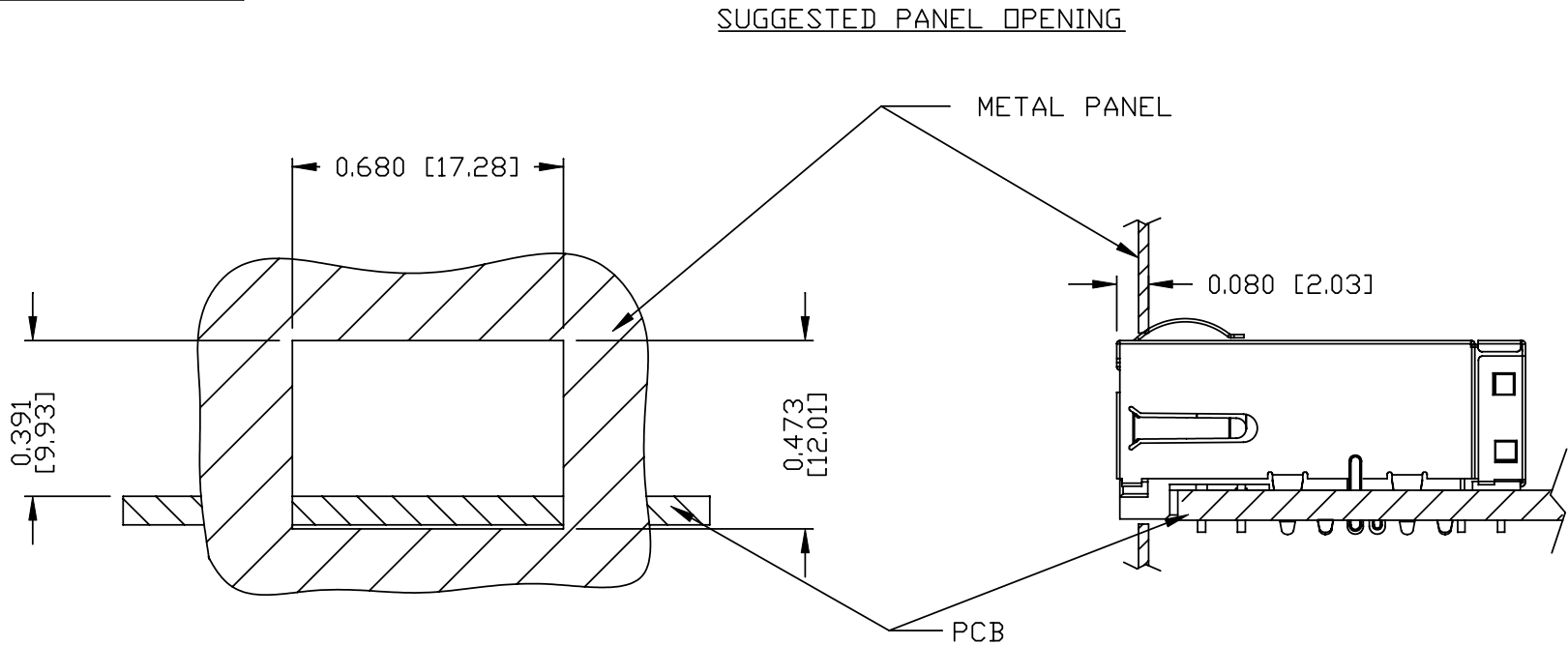
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NOTE:

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	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM.		[] METRIC DIM. AS REFERENCE	
				TOL. IN INCH		UNIT : INCH [mm]	REV. : B
ANTON LIAO	2014-02-07	gigabit MagJack® (Extend Temperature) PATENTED	L834-1G1T-32	.X		SCALE : N/A	SIZE : A4
DRAWN BY	DATE			.XX			PAGE : 5
LI QUANKUN	2014-02-07			.XXX	±0.004		

