

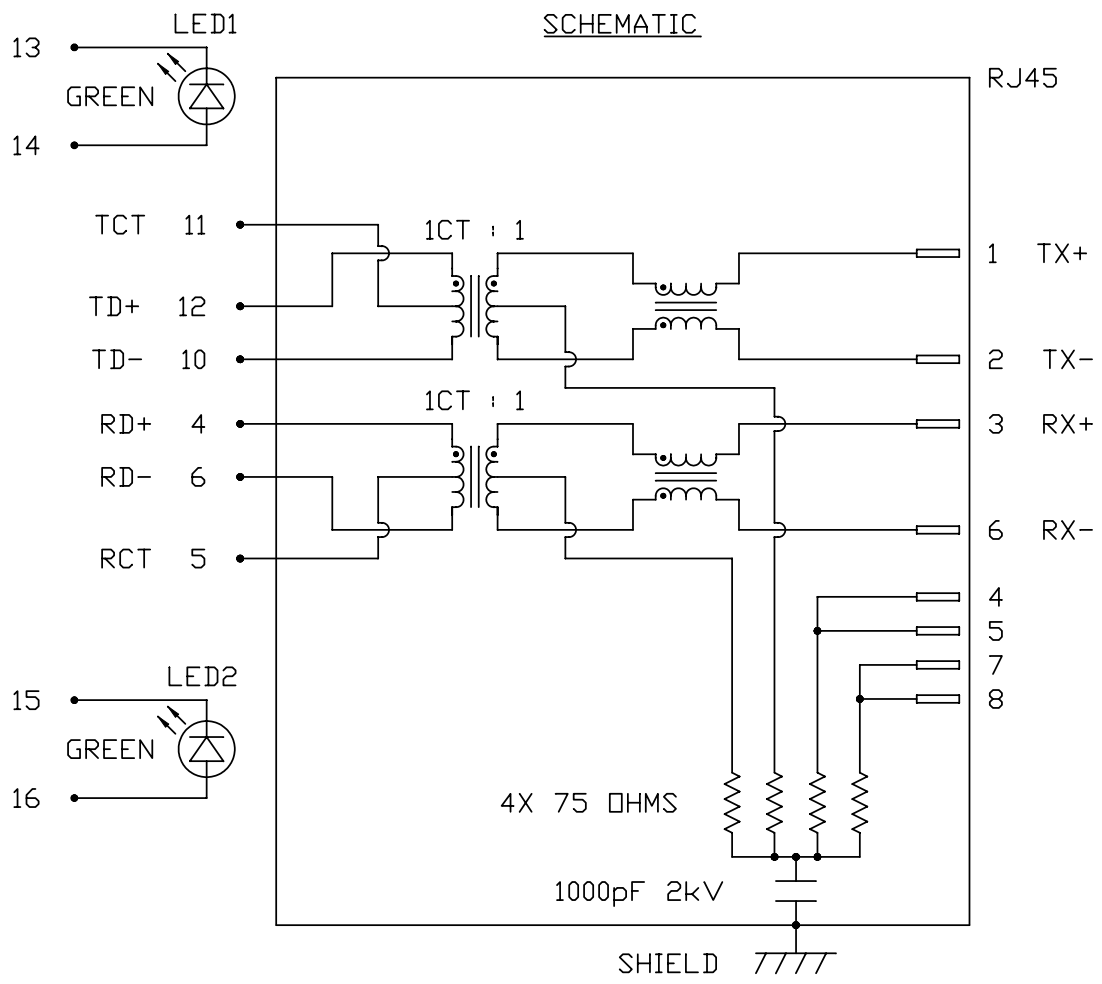
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LED1 POLARITY			LED2 POLARITY		
PIN 13	PIN 14	COLOR	PIN 15	PIN 16	COLOR
-	+	GREEN	-	+	GREEN

ELECTRICAL CHARACTERISTICS @ 25°C

TURNS RATIO		
TX	1CT : 1	
RX	1CT : 1	
OCL @ 100kHz/100mVRMS		(0-70°C)
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) @ 100	OHMS +/- 15%	
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 or 2250 VDC
100% OF PRODUCT TESTED IN PRODUCTION		
LED 1 & LED 2		
VF (FORWARD VOLTAGE)	IF=20mA GREEN	2.2V TYP.
λD (DOMINANT WAVELENGTH)	IF=20mA GREEN	565nm TYP.

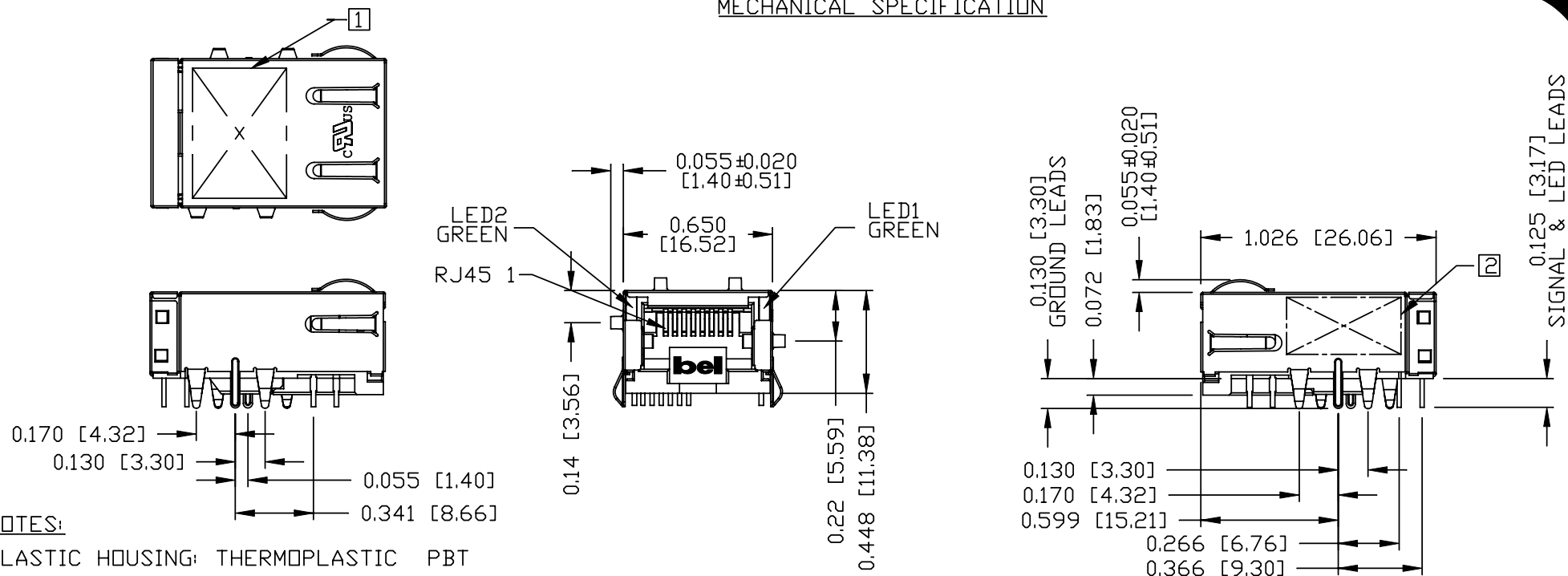


ORIGINATED BY	DATE	TITLE 10/100 MagJack® (NanoJack) PATENTED	PART NO. / DRAWING NO. L834-1G1T-91		STANDARD DIM. TOL. IN INCH		[] METRIC DIM. AS REFERENCE		 COMPONENTS FOR A CONNECTED PLANET
CHOW WANGCHUNG	06-04-11		FILE NAME L834-1G1T-91_C.DWG		.X		UNIT : INCH [mm]	REV. : C	
DRAWN BY	DATE				.XX		SCALE : N/A	SIZE : A4	
TAN QIGUANG	06-04-11				.XXX			PAGE : 2	

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MECHANICAL SPECIFICATION



NOTES:

- PLASTIC HOUSING: THERMOPLASTIC PBT
FLAMMABILITY RATING UL 94V-0
- CONTACTS: 30 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.
 - MARKING "PATENTED".
 - RoHS COMPLIANCE, PER EU DIRECTIVE 2002/95/EC.
 - JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS.
 - THE PRODUCT IS PATENTED, THE PATENT NUMBER IS U.S. PAT. 5,736,910.



UL RECOGNIZED - FILE #E196366 AND E169987.

ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM. TOL. IN INCH	[] METRIC DIM. AS REFERENCE
CHEN BILL	06-04-11	10/100 MagJack® (NanoJack) PATENTED	L834-1G1T-91	.X	UNIT : INCH [mm] REV. : C
DRAWN BY	DATE		FILE NAME	.XX	SCALE : N/A SIZE : A4
HE ZHEN	06-04-11		L834-1G1T-91_C.DWG	.XXX	PAGE : 3

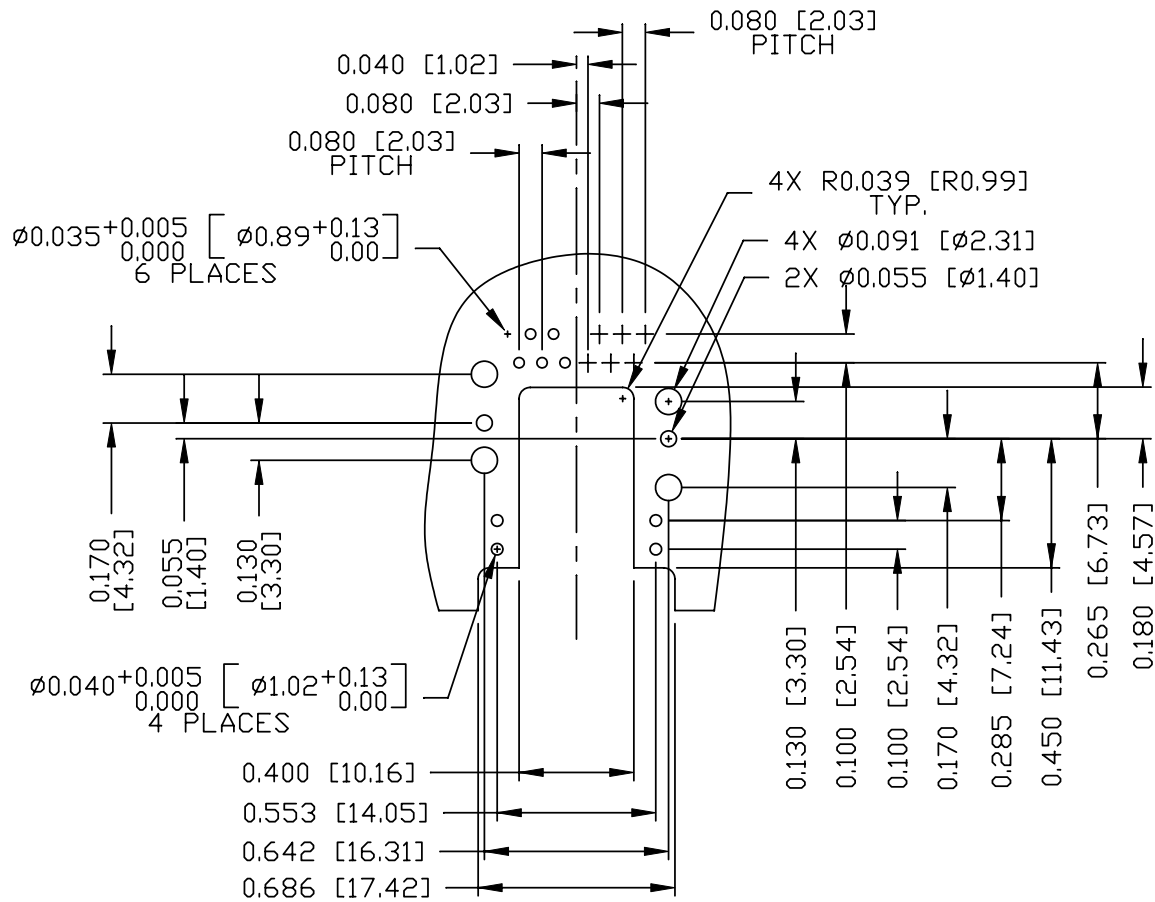


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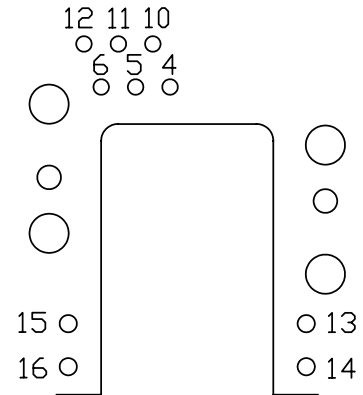
RoHS
2002/95/EC



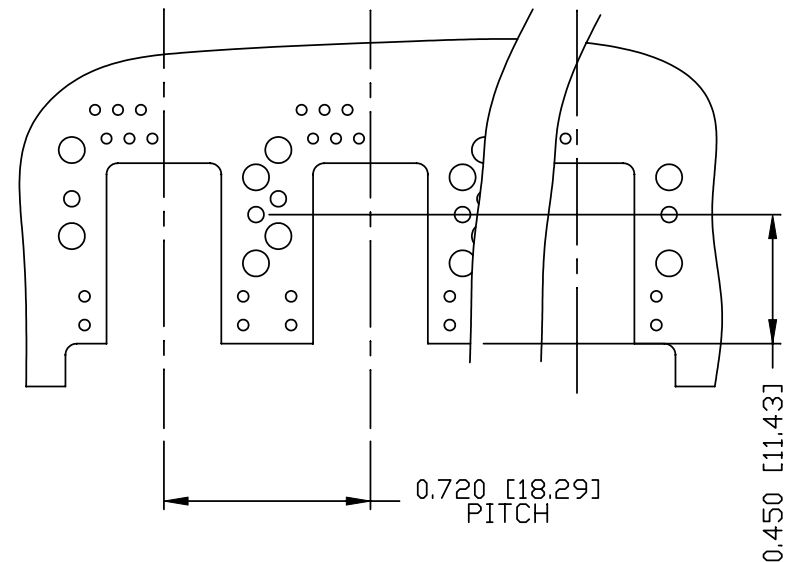
RECOMMENDED PCB FOOTPRINT
COMPONENT SIDE VIEW



FOR ONE UNIT



PIN-OUT ASSIGNMENT
(SCALE 1.5:1)



FOR MULTI-UNITS

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CHEN BILL	06-04-11	10/100 MagJack ® (NanoJack) PATENTED	L834-1G1T-91	.X	UNIT : INCH [mm]	REV. : C
DRAWN BY	DATE		FILE NAME	.XX	SCALE : N/A	SIZE : A4
HE ZHEN	06-04-11		L834-1G1T-91_C.DWG	.XXX	Ø	PAGE : 4

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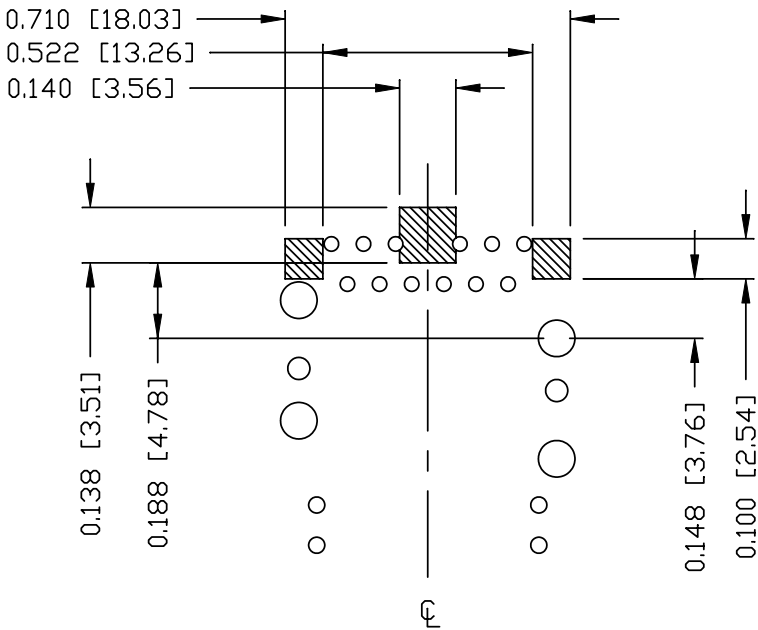
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bel
COMPONENTS FOR A
CONNECTED
PLANET

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RECOMMENDED PCB FOOTPRINT
COMPONENT SIDE VIEW



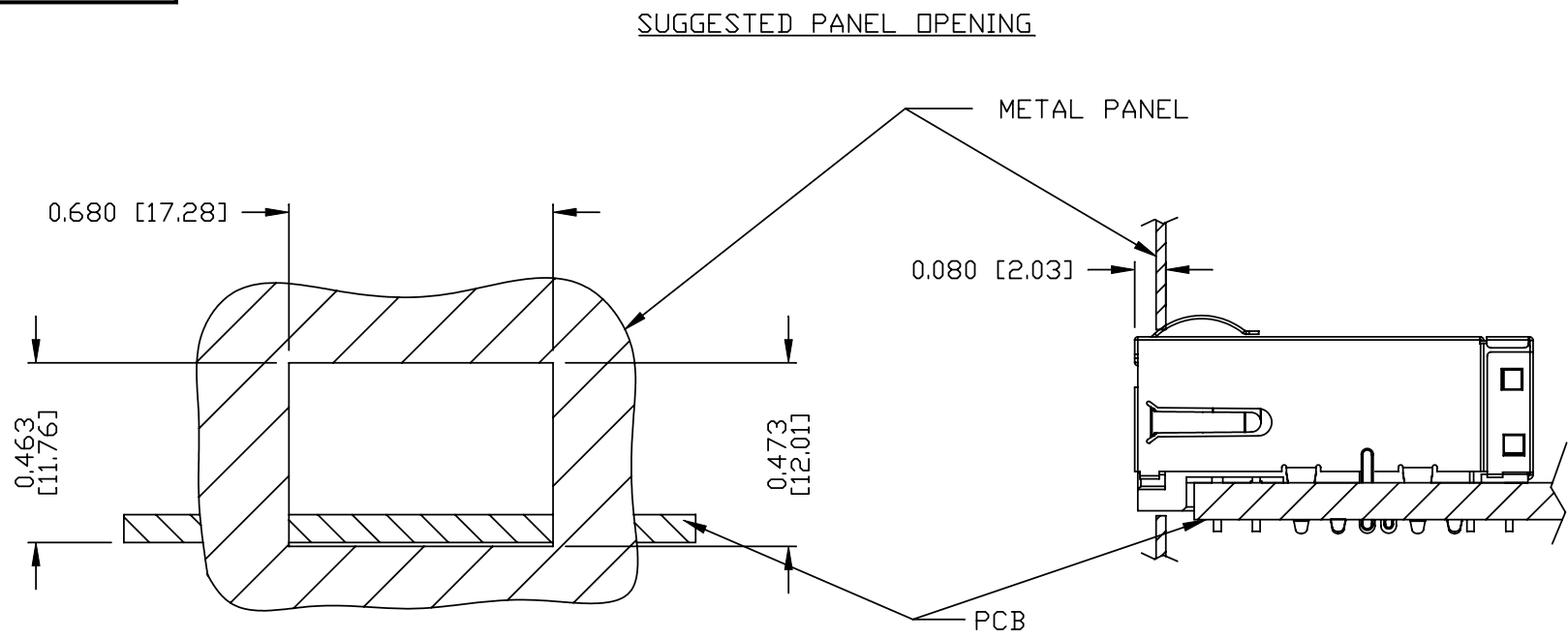
NOTES

THE SHADED AREA ON THE CUSTOMER BOARD ARE
RECOMMENDED TO BE CLEAR OFF ANY VIA HOLE OR
COMPONENT PAD.

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DRAWN BY	DATE			.XX		SCALE : N/A	SIZE : A4
HE ZHEN	06-04-11			.XXX	±0.004		PAGE : 5



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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)

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DRAWN BY	DATE			.XX		SCALE : N/A	SIZE : A4
HE ZHEN	06-04-11			.XXX	±0.004		PAGE : 6

