

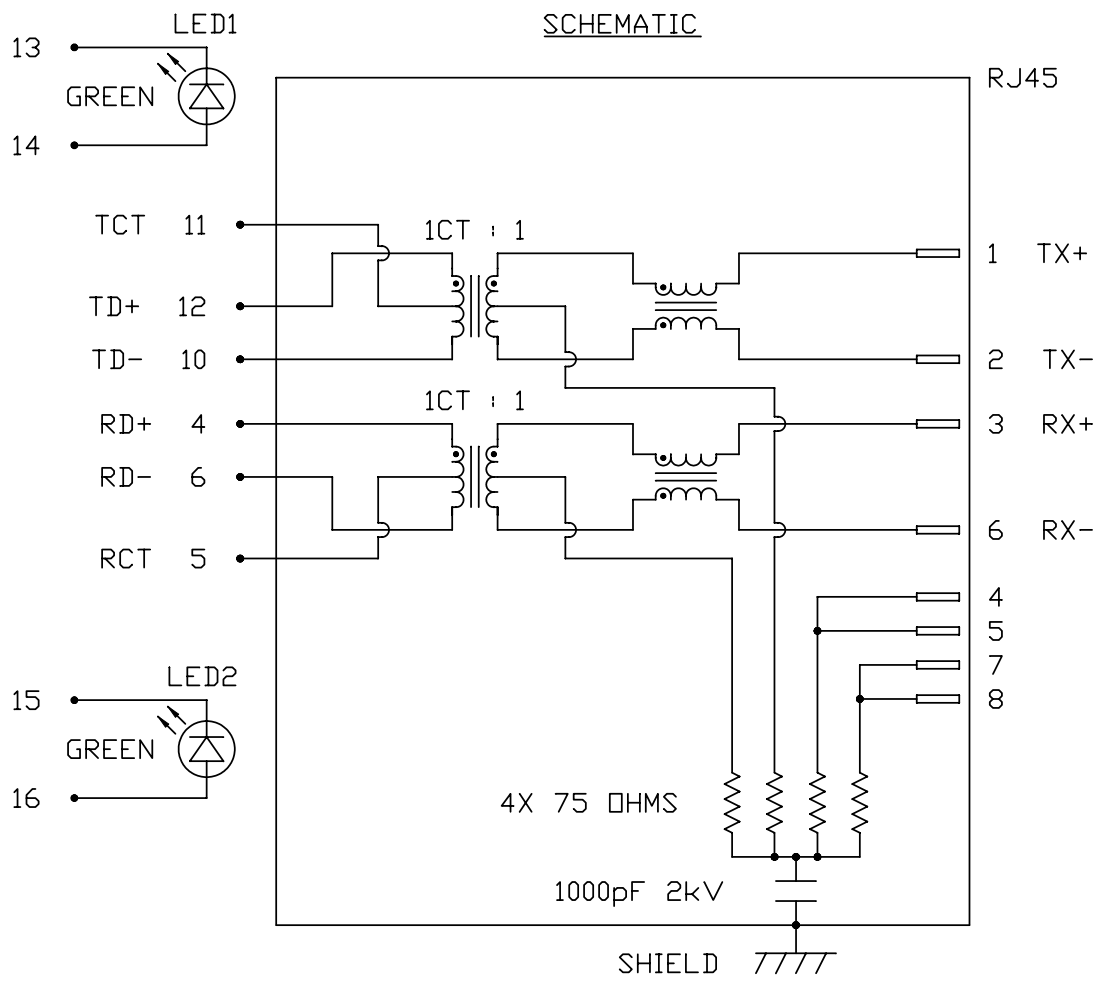
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LED1 POLARITY			LED2 POLARITY		
PIN 13	PIN 14	COLOR	PIN 15	PIN 16	COLOR
-	+	GREEN	-	+	GREEN

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.

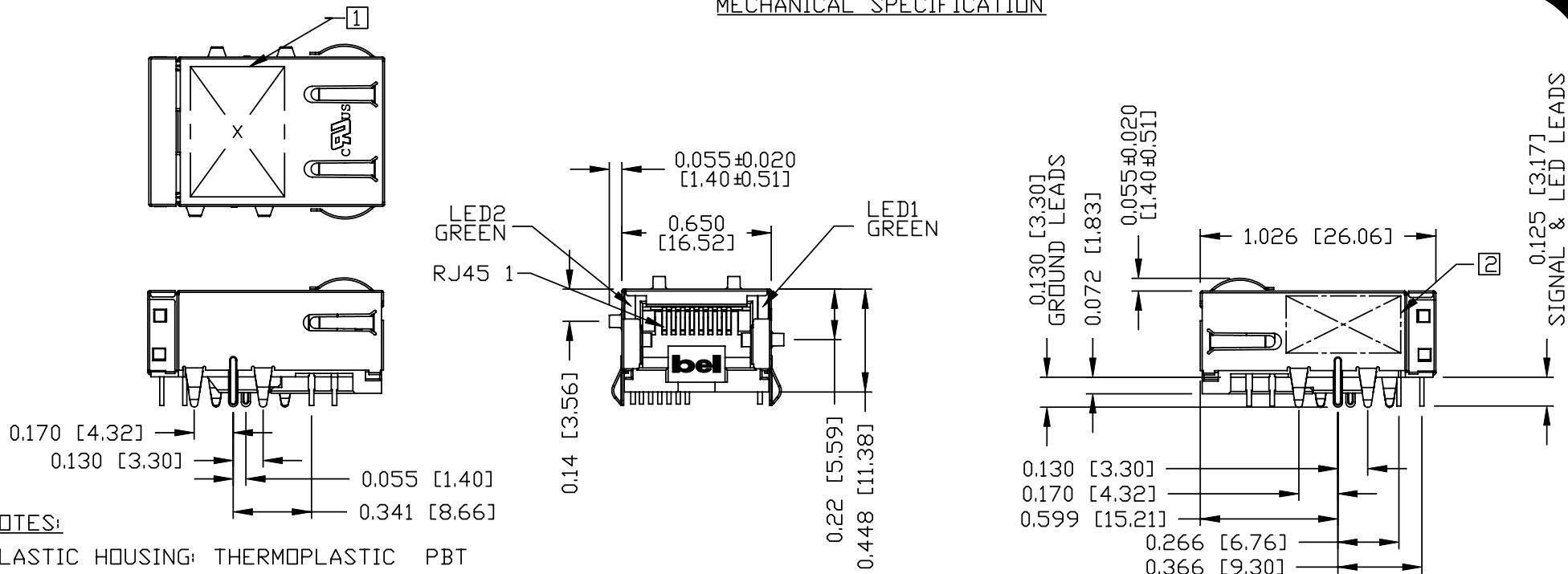


ORIGINATED BY	DATE	TITLE 10/100 MagJack® (NanoJack) PATENTED	PART NO. / DRAWING NO. L834-1G1T-91		STANDARD DIM. TOL. IN INCH		[] METRIC DIM. AS REFERENCE		 COMPONENTS FOR A CONNECTED PLANET
CHOW WANGCHUNG	06-04-11		FILE NAME L834-1G1T-91_C.DWG		.X		UNIT : INCH [mm]	REV. : C	
DRAWN BY	DATE				.XX		SCALE : 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)
1. MARK PART WITH MFG. LOGO, MFG. NAME, PART NUMBER, AND DATE CODE.
2. MARKING "PATENTED".
3. RoHS COMPLIANCE, PER EU DIRECTIVE 2002/95/EC.
4. JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS.
5. THE PRODUCT IS PATENTED, THE PATENT NUMBER IS U.S. PAT. 5,736,910.



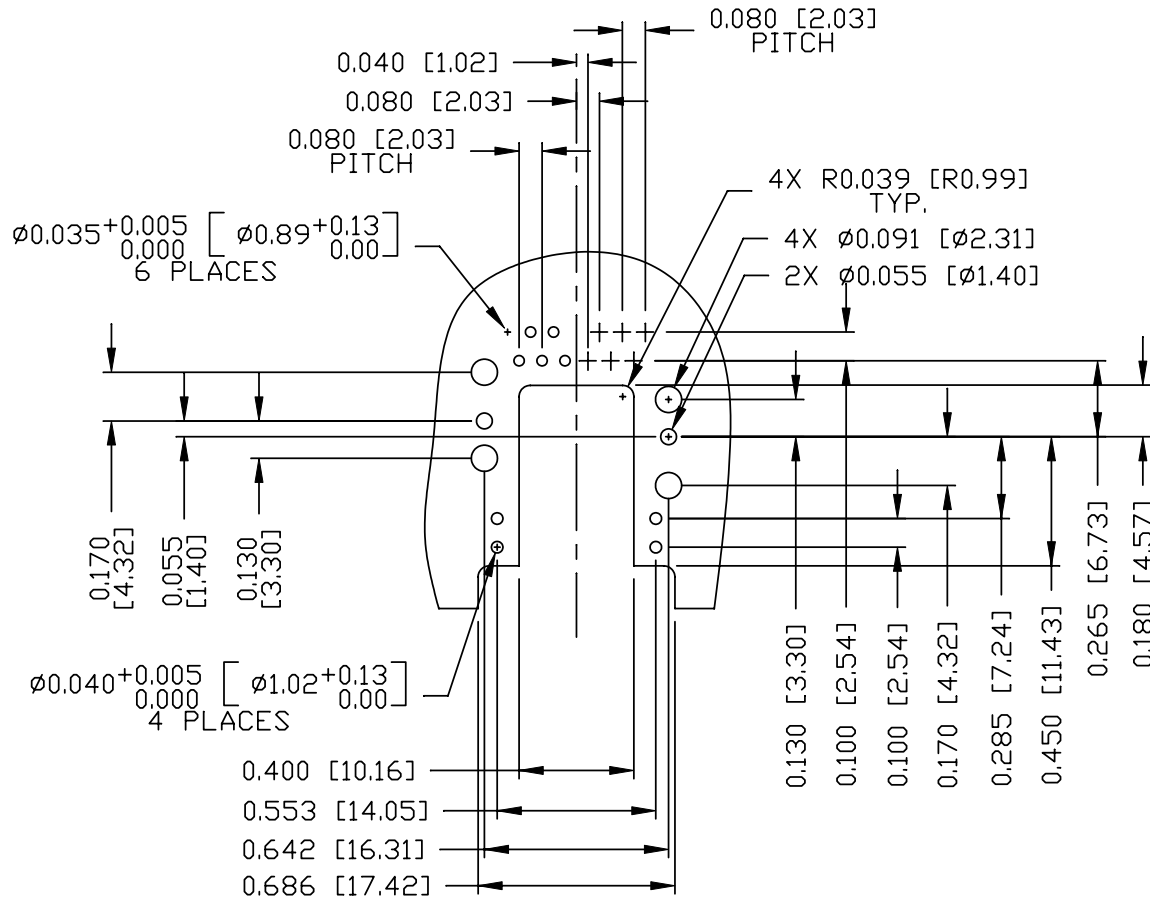
USUL RECOGNIZED - FILE #E196366 AND E169987.

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 ±0.015	SCALE : N/A SIZE : A4
HE ZHEN	06-04-11		L834-1G1T-91_C.DWG	.XXX ±0.010	PAGE : 3

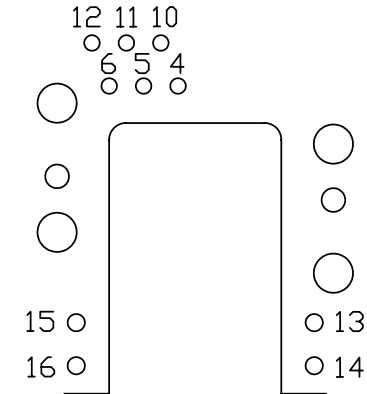




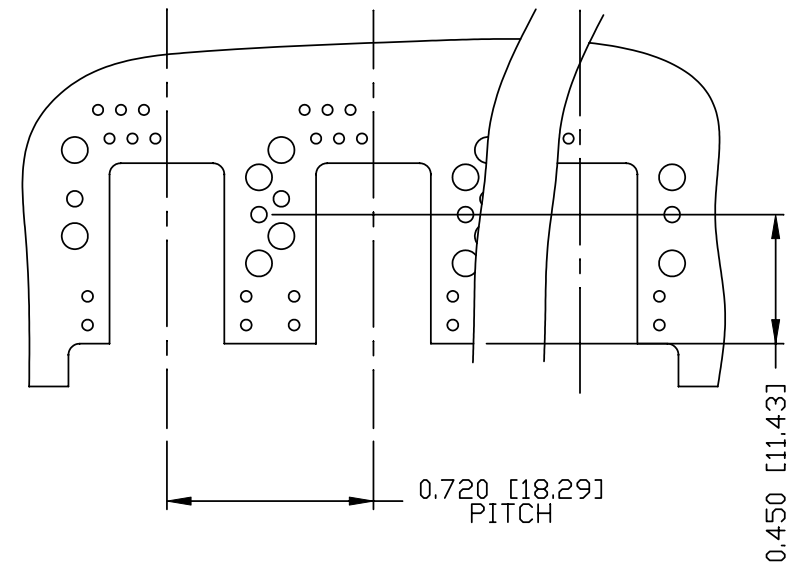
RECOMMENDED PCB FOOTPRINT
COMPONENT SIDE VIEW



FOR ONE UNIT



PIN-OUT ASSIGNMENT
(SCALE 1.5:1)



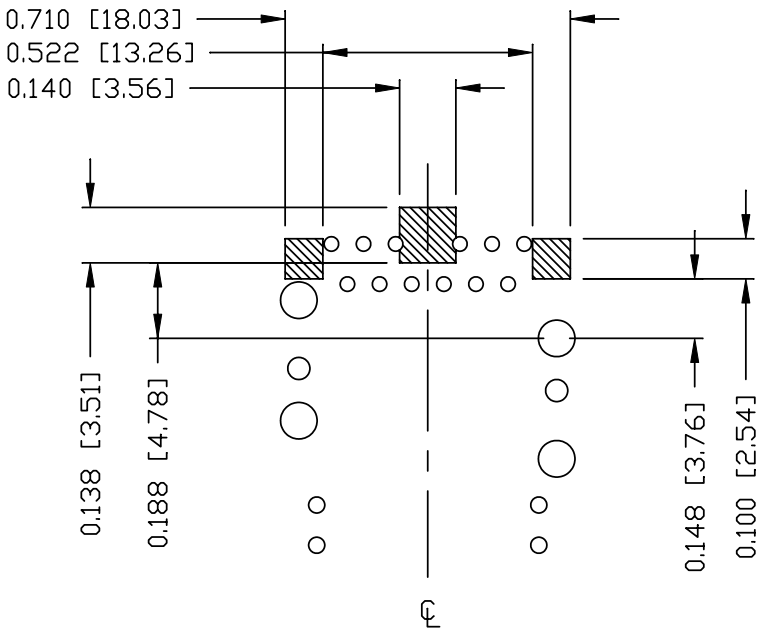
FOR MULTI-UNITS

ORIGINATED BY	DATE	TITLE 10/100 MagJack ® (NanoJack) PATENTED	PART NO. / DRAWING NO.	STANDARD DIM.		[] METRIC DIM. AS REFERENCE		 COMPONENTS FOR A CONNECTED PLANET
CHEN BILL	06-04-11		L834-1G1T-91	TOL. IN INCH		UNIT : INCH [mm]	REV. : C	
DRAWN BY	DATE		FILE NAME	.X		SCALE : N/A	SIZE : A4	
HE ZHEN	06-04-11		L834-1G1T-91_C.DWG	.XX			PAGE : 4	
				.XXX	#0.004			

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RECOMMENDED PCB FOOTPRINT
COMPONENT SIDE VIEW



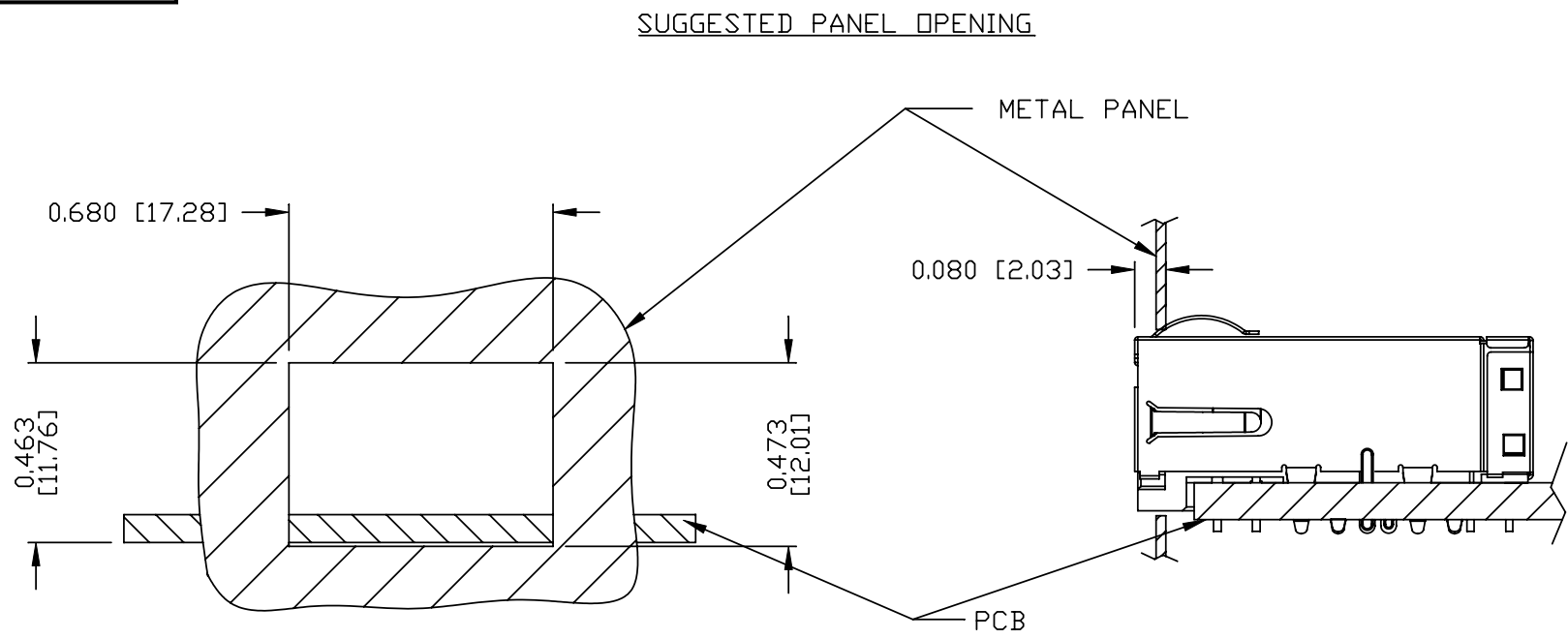
NOTES

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		FILE NAME	.XX		SCALE : N/A	SIZE : A4
HE ZHEN	06-04-11		L834-1G1T-91_C.DWG	.XXX	±0.004		PAGE : 6

