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PRELIMINARY

SCHEMATIC

ELECTRICAL CHARACTERISTICS @ 25°C

URNS 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 ΩHMS +/- 15%
0.5MHz-40MHz -18 dB
40MHz-100MHz -12+20LOG(f/80MHz) dB

CM TO CM REJ

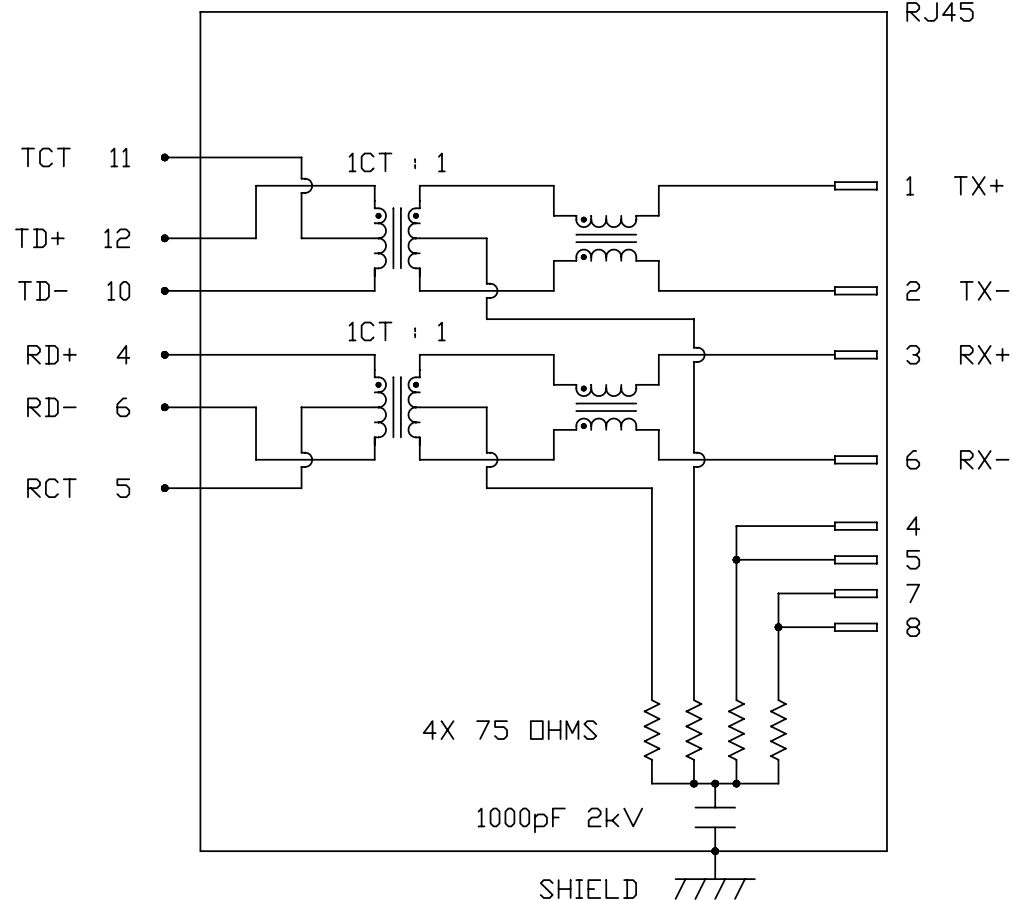
100kHz - 100MHz -30 dB MIN

CM TO DM REJ

100kHz - 100MHz -35 dB MIN

HIPOT (Isolation Voltage): 1500 Vrms

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



ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM. TOL. IN INCH	[] METRIC DIM. AS REFERENCE
CHOW WANCHUNG	2012-01-18	10/100 MagJack® (NanoJack) PATENTED	L835-1X1T-91	.X	UNIT : INCH [mm] REV. : PC
DRAWN BY	DATE			.XX	SCALE : N/A SIZE : A4
LEE WEIDE	2012-01-18			.XXX	PAGE : 2



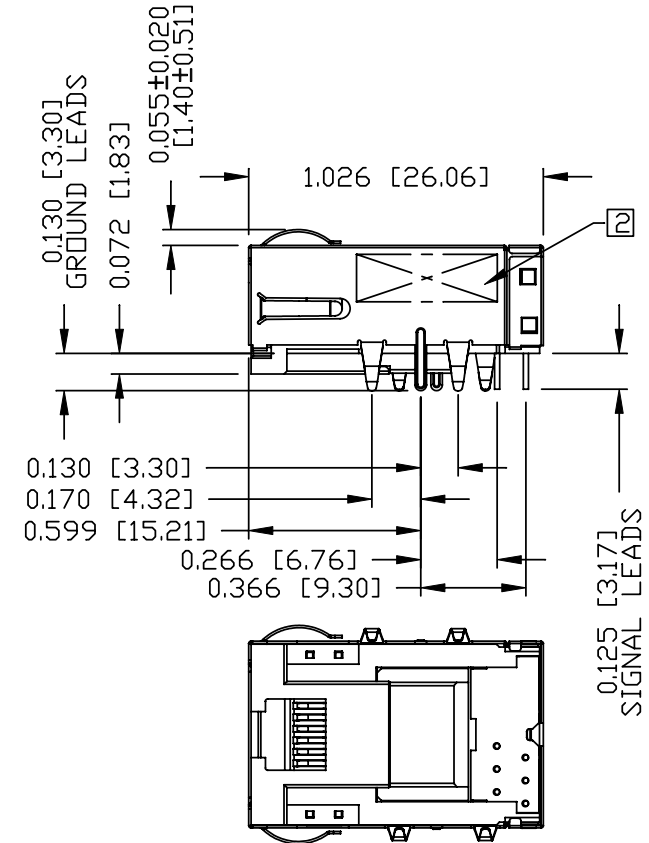
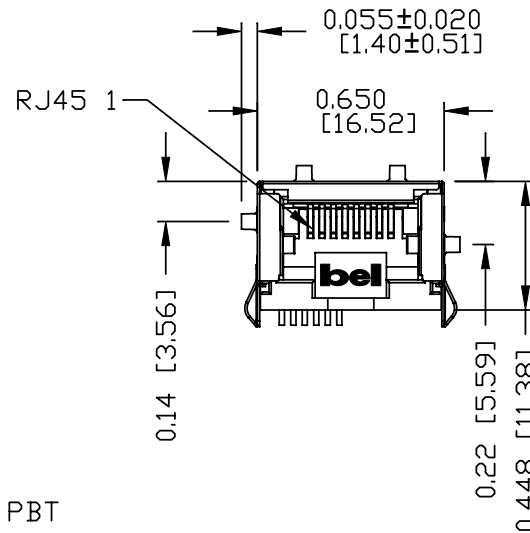
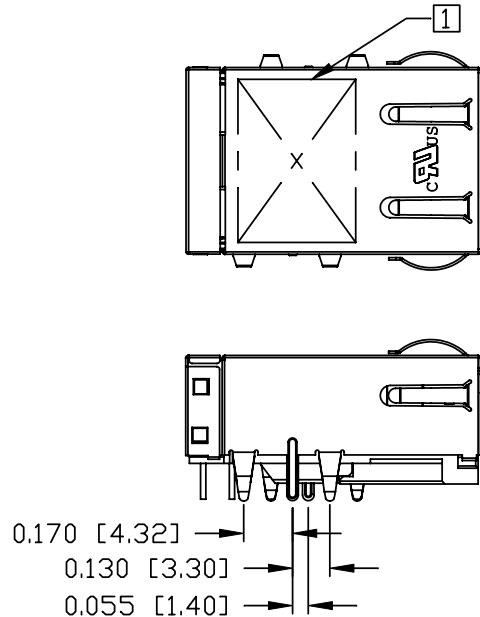
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RoHS
2002/95/EC



PRELIMINARY

MECHANICAL SPECIFICATION





NOTES:

- PLASTIC HOUSING: THERMOPLASTIC PBT
FLAMMABILITY RATING UL 94V-0
- CONTACTS: 30 MICRO-INCH HARD GOLD PLATING OR EQUIVALENT
- 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. MARK PART WITH PATENTED.
3. THE PRODUCT IS RoHS COMPLIANT.
4. JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS.

USUL RECOGNIZED - FILE #E196366 AND E169987.

5. THE PRODUCT IS PATENT PRODUCT. THE PATENT NUMBER ARE U.S. PAT. 6,840,817 AND U.S. PAT. 5,736,910.

ORIGINATED BY	DATE	TITLE 10/100 MagJack® (NanoJack) PATENTED	PART NO. / DRAWING NO. L835-1X1T-91	STANDARD DIM. TOL. IN INCH		[] METRIC DIM. AS REFERENCE		 bel COMPONENTS FOR A CONNECTED PLANET
ANTON LIAO	2012-01-18		FILE NAME L835-1X1T-91_PC.DWG	.X		UNIT : INCH [mm]	REV. : PC	
DRAWN BY	DATE			.XX	±0.015	SCALE : N/A	SIZE : A4	
WU ZHIHENG	2012-01-18			.XXX	±0.010		PAGE : 3	

bel
COMPONENTS FOR A
CONNECTED
PLANET

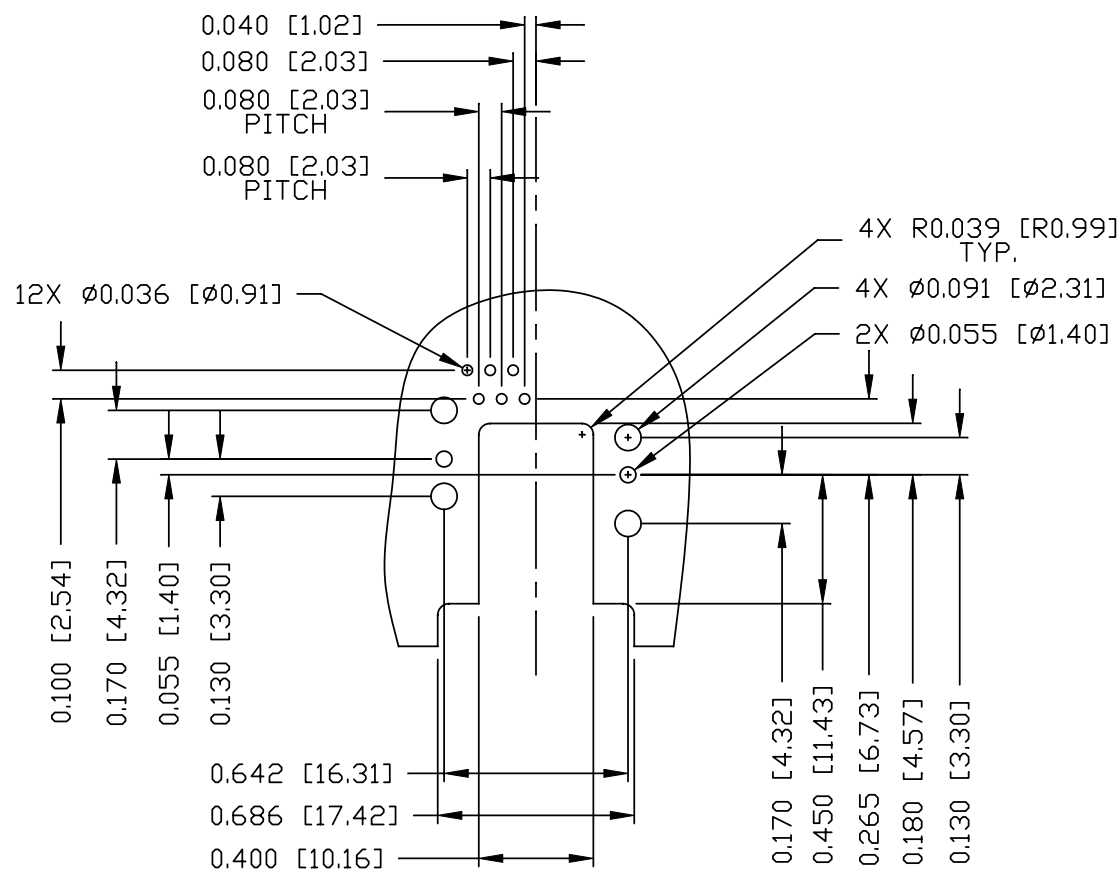
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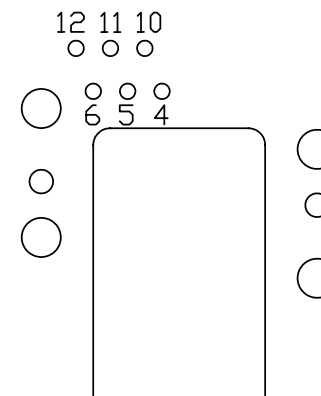
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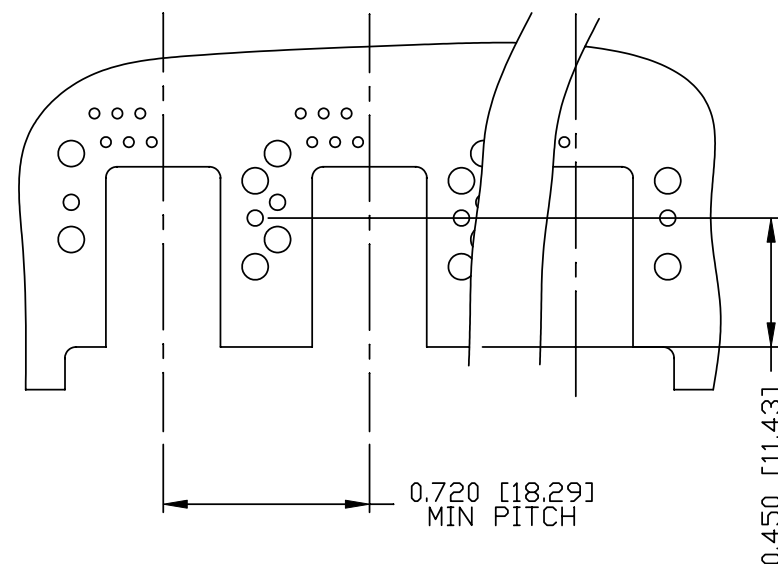
RECOMMENDED PCB FOOTPRINT
COMPONENT SIDE VIEW




FOR ONE UNIT




PIN ASSIGNMENT
(SCALE 1.5:1)



FOR MULTI-UNITS

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ANTON LIAO	2012-01-18		L835-1X1T-91	TOL. IN INCH		UNIT : INCH [mm]	REV. : PC
DRAWN BY	DATE		FILE NAME	.X		SCALE : N/A	SIZE : A4
WU ZHIHENG	2012-01-18		L835-1X1T-91_PC.DWG	.XX			PAGE : 4
				.XXX	±0.004		


COMPONENTS OR
CONNECTED
PLANET

bel
COMPONENTS FOR A
CONNECTED
PLANET

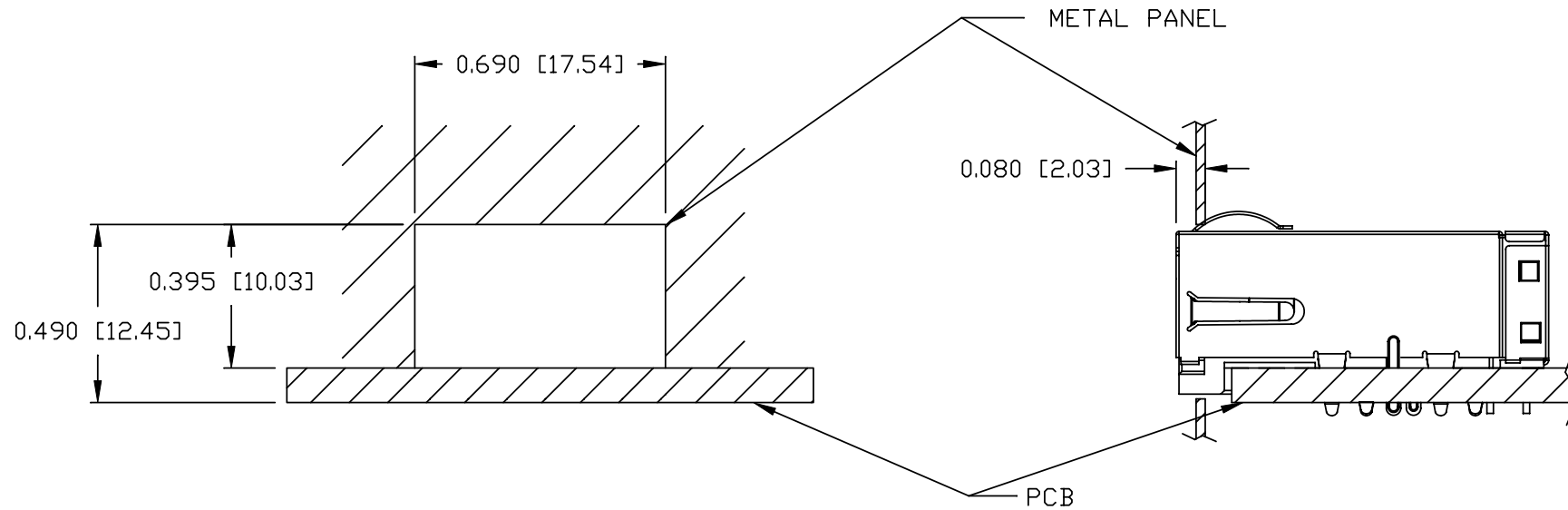
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RoHS



PRELIMINARY

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)

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WU ZHIHENG	2012-01-18		L835-1X1T-91_PC.DWG	.XXX	±0.004	PAGE : 5

