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RoHS



PRELIMINARY

SCHMATIC

ELECTRICAL CHARACTERISTICS @ 25°C

URNS RATIO

TP1	1CT : 1CT ±2%
TP2	1CT : 1CT ±2%
TP3	1CT : 1CT ±2%
TP4	1CT : 1CT ±2%

QCL @ 100kHz/100mVRMS
8mA DC BIAS

(0-70°C)
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

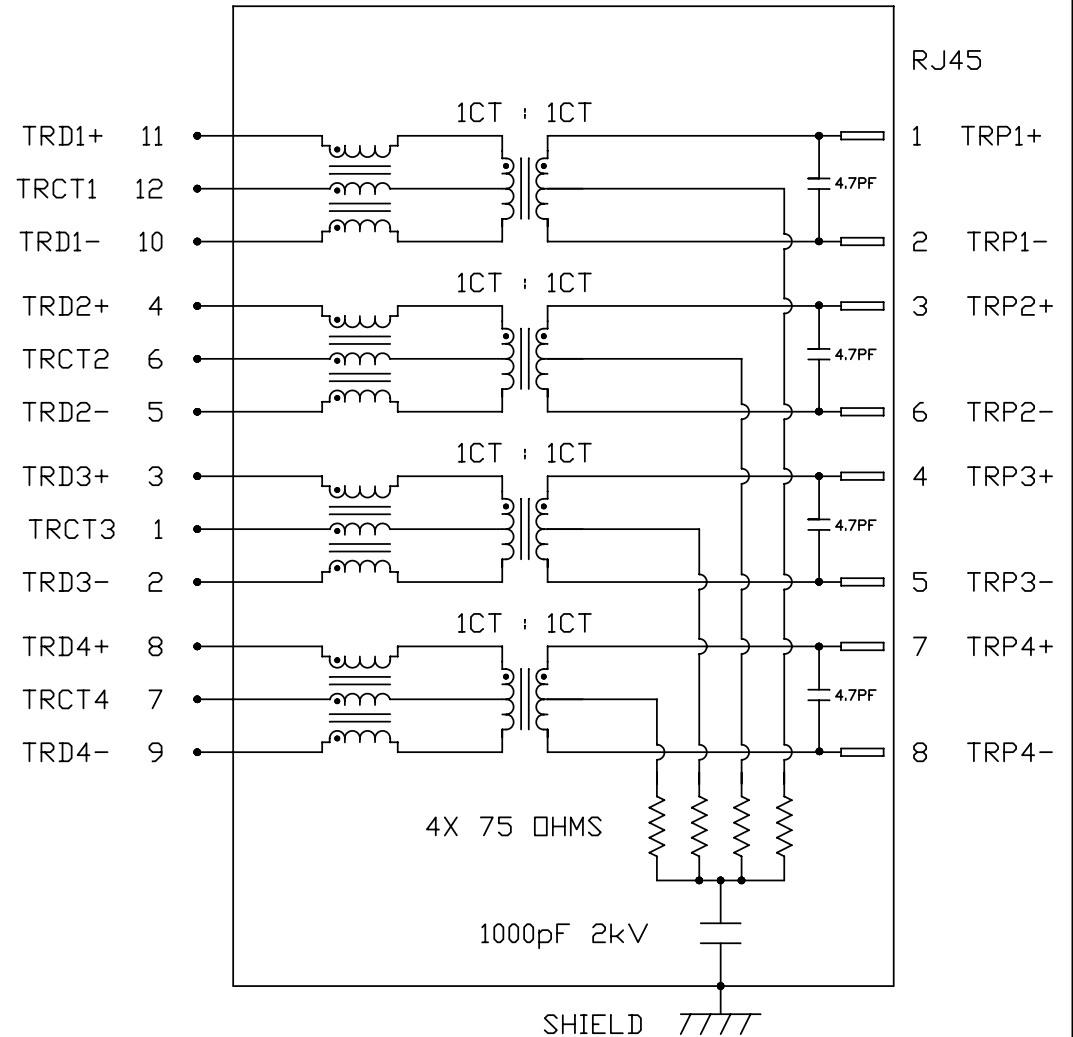
100kHz - 100MHz -30 dB MIN

CM TO DM REJ

100kHz - 100MHz -35 dB MIN

HIPOT (Isolation Voltage): 1500 Vrms

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



ORIGINATED BY	DATE
CHOW WANCHUNG	2012-01-18
DRAWN BY	DATE
LEE WEIDE	2012-01-18

TITLE	gigabit MagJack® (NanoJack) PATENTED
PART NO. / DRAWING NO.	
FILE NAME	L835-1X1T-43
	L835-1X1T-43_PB.DWG

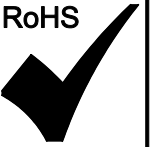
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.X	UNIT : INCH [mm]
.XX	SCALE : N/A
.XXX	REV. : PB
	SIZE : A4
	PAGE : 2

STANDARD DIM. TOL. IN INCH	[] METRIC DIM. AS REFERENCE
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	PAGE : 2



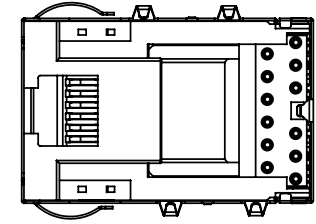
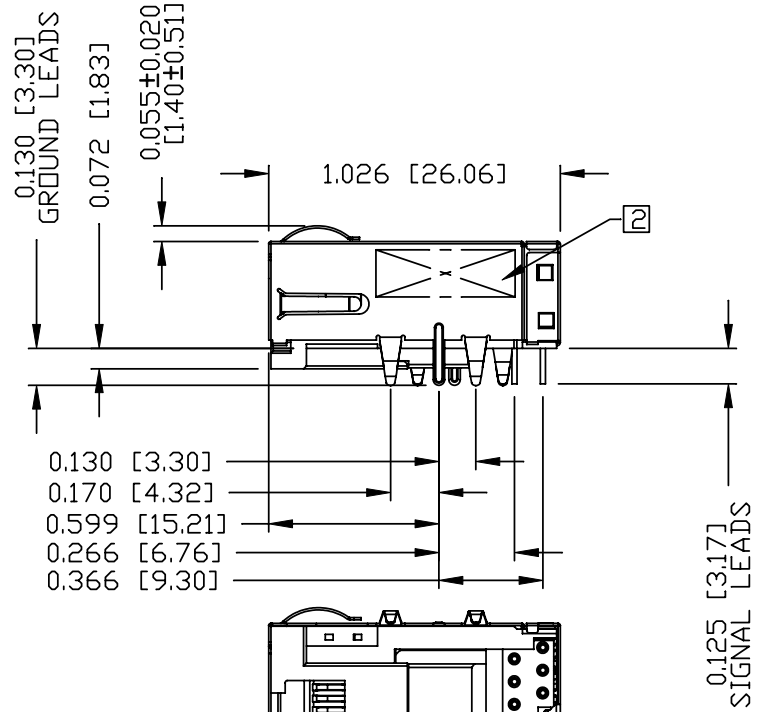
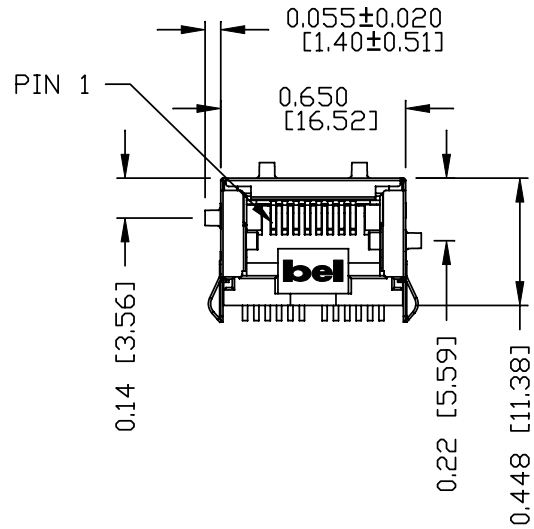
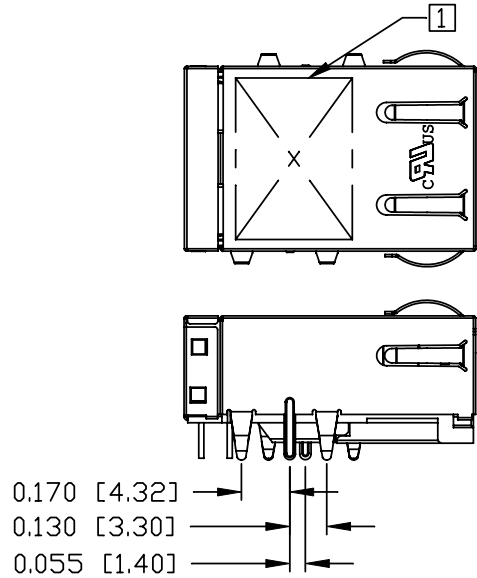
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PRELIMINARY

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)
- JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS, PART 68 SUBPART F.
- 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. THE PRODUCT IS PATENT PRODUCT. THE PATENT NUMBER ARE U.S. PAT. 6,840,817 AND U.S. PAT. 5,736,910 AND U.S. PAT. 7,123,117.

USUL RECOGNIZED - FILE #E196366 AND E169987.

ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM. TOL. IN INCH	[] METRIC DIM. AS REFERENCE
ANTON LIAO	2012-01-18	gigabit MagJack® (NanoJack) PATENTED	L835-1X1T-43	.X	UNIT : INCH [mm] REV. : PB
DRAWN BY	DATE			.XX ±0.015	SCALE : N/A SIZE : A4
WU ZHIHENG	2012-01-18			.XXX ±0.010	PAGE : 3



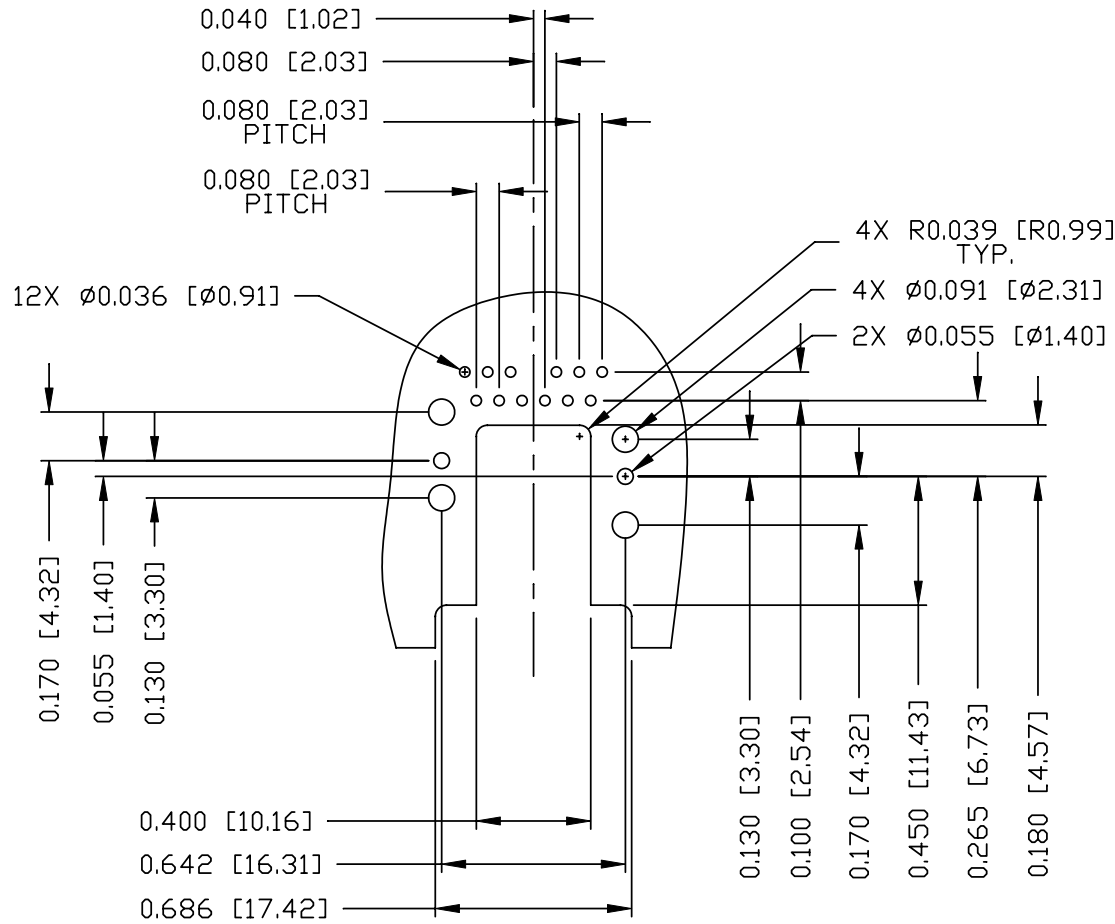
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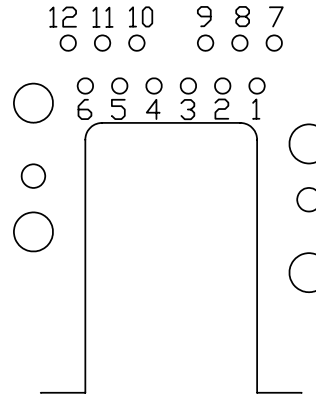


PRELIMINARY

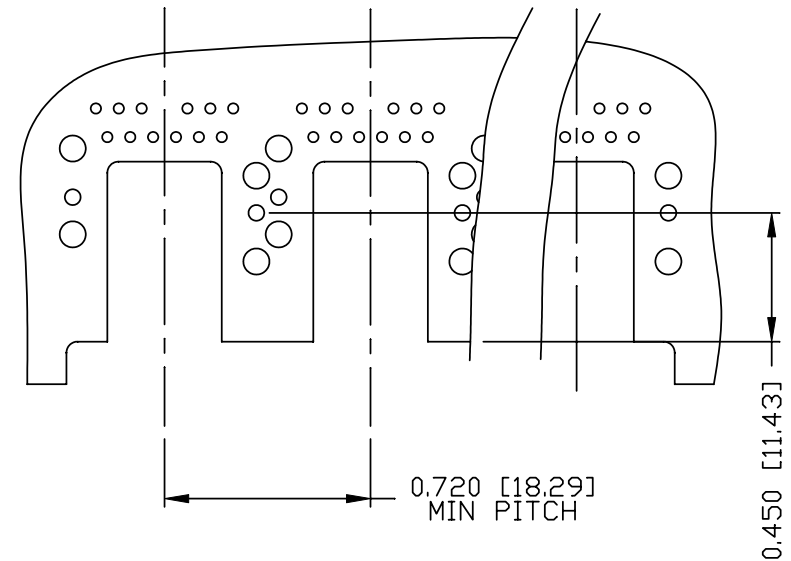
RECOMMENDED PCB FOOTPRINT
COMPONENT SIDE VIEW



FOR ONE UNIT



PIN ASSIGNMENT
(SCALE 1.5:1)



FOR MULTI-UNITS

ORIGINATED BY	DATE
ANTON LIAO	2012-01-18
DRAWN BY	DATE
WU ZHIHENG	2012-01-18

TITLE
gigabit MagJack® (NanoJack) PATENTED

PART NO. / DRAWING NO.
L835-1X1T-43
FILE NAME
L835-1X1T-43_PB.DWG

STANDARD DIM. TOL. IN INCH
.X
.XX
.XXX
±0.004

[] METRIC DIM. AS REFERENCE	REV. : PB
UNIT : INCH [mm]	SIZE : A4
SCALE : N/A	PAGE : 4



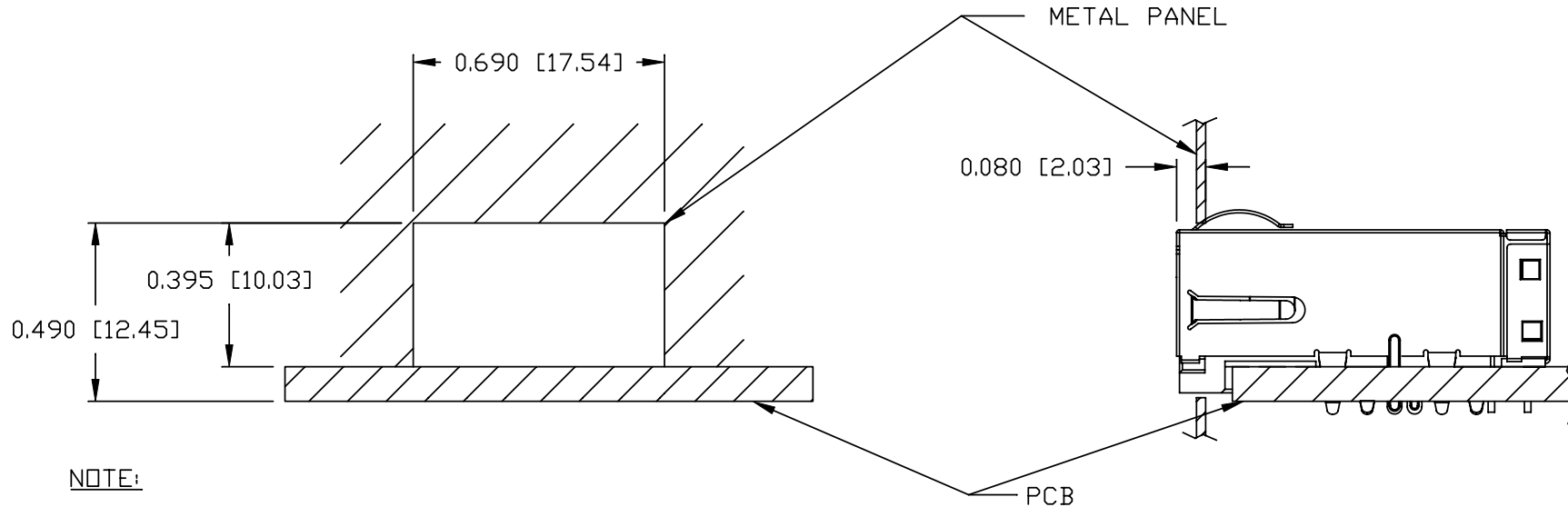
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SUGGESTED PANEL OPENING



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	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM. TOL. IN INCH	[] METRIC DIM. AS REFERENCE	 COMPONENTS FOR A CONNECTED PLANET	
ANTON LIAO	2012-01-18	gigabit MagJack® (NanoJack) PATENTED	L835-1X1T-43	.X	UNIT : INCH [mm]		REV. : PB
DRAWN BY	DATE		FILE NAME	.XX	SCALE : N/A		SIZE : A4
WU ZHIHENG	2012-01-18		L835-1X1T-43_PB.DWG	.XXX	±0.004	PAGE : 5	