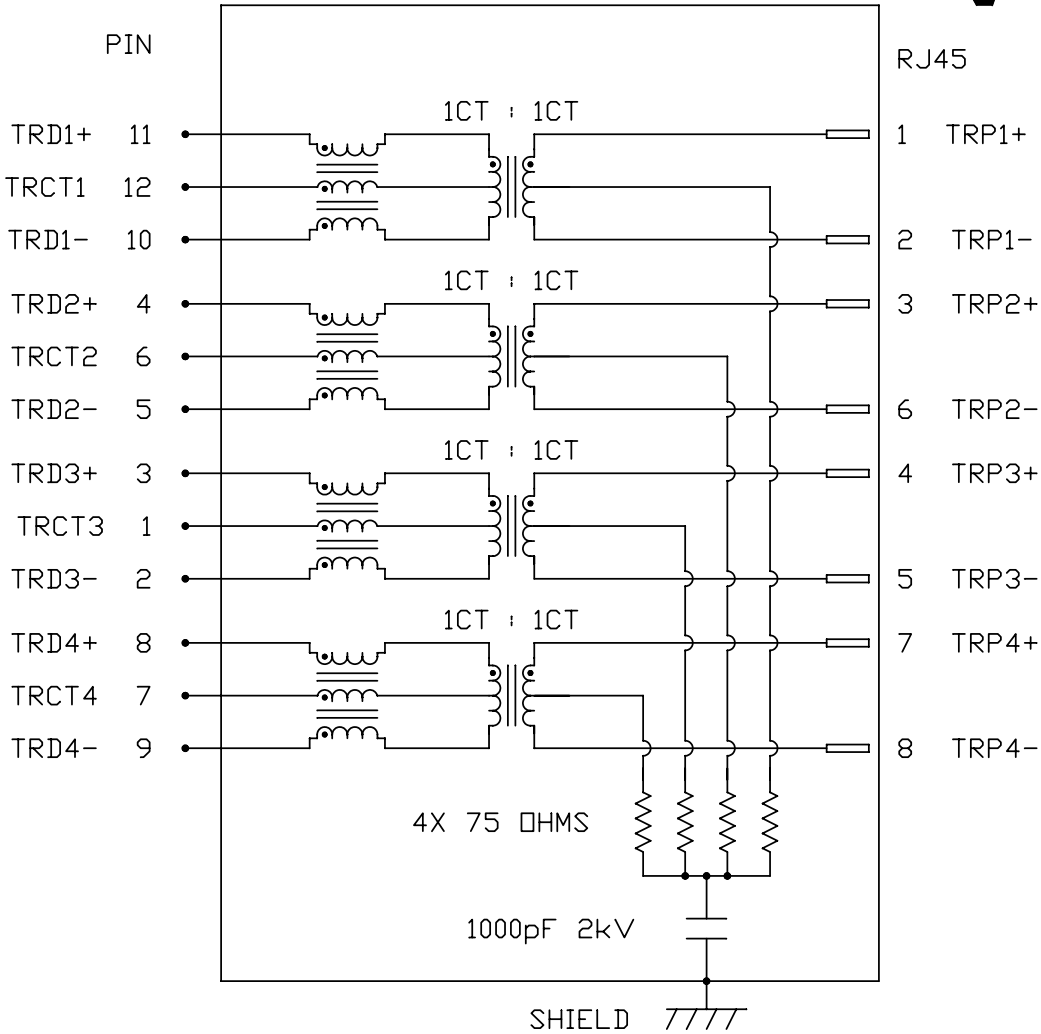




ELECTRICAL CHARACTERISTICS @ 25°C

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)@100ΩHMS(+/-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.	

SCHEMATIC



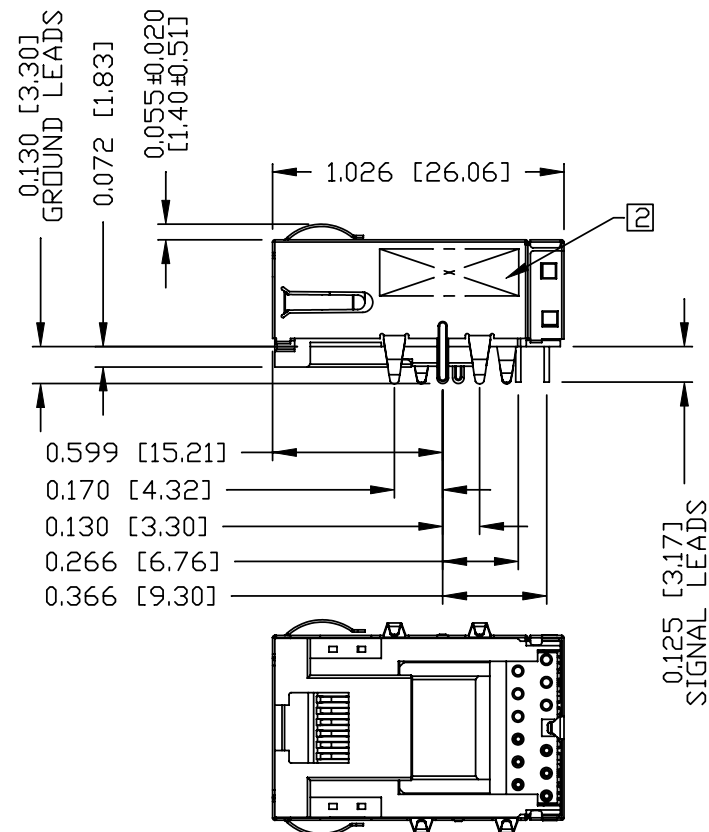
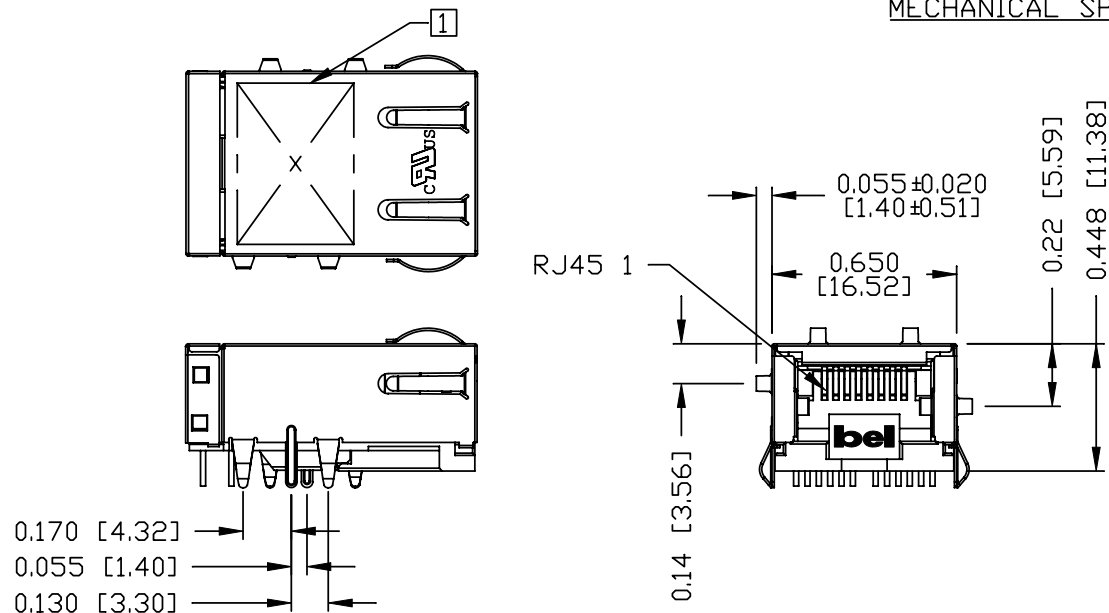
ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM.	[] METRIC DIM. AS REFERENCE		
CHOW WANCHUNG	2012-01-18	gigabit MagJack® (NanoJack) PATENTED	L835-1X1T-S7	TOL. IN INCH	UNIT : INCH [mm]	REV. : B	 COMPONENTS FOR A CONNECTED PLANET
DRAWN BY	DATE		FILE NAME	.X	SCALE : N/A	SIZE : A4	
LEE WEIDE	2012-01-18		L835-1X1T-S7_B.DWG	.XX		PAGE : 2	
				.XXX			

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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.

UL USUL RECOGNIZED - FILE #E196366 AND E169987.

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.

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-S7	.X	UNIT : INCH [mm] REV. : B
DRAWN BY	DATE		FILE NAME	.XX ±0.015	SCALE : N/A SIZE : A4
WU ZHIHENG	2012-01-18		L835-1X1T-S7_B.DWG	.XXX ±0.010	PAGE : 3

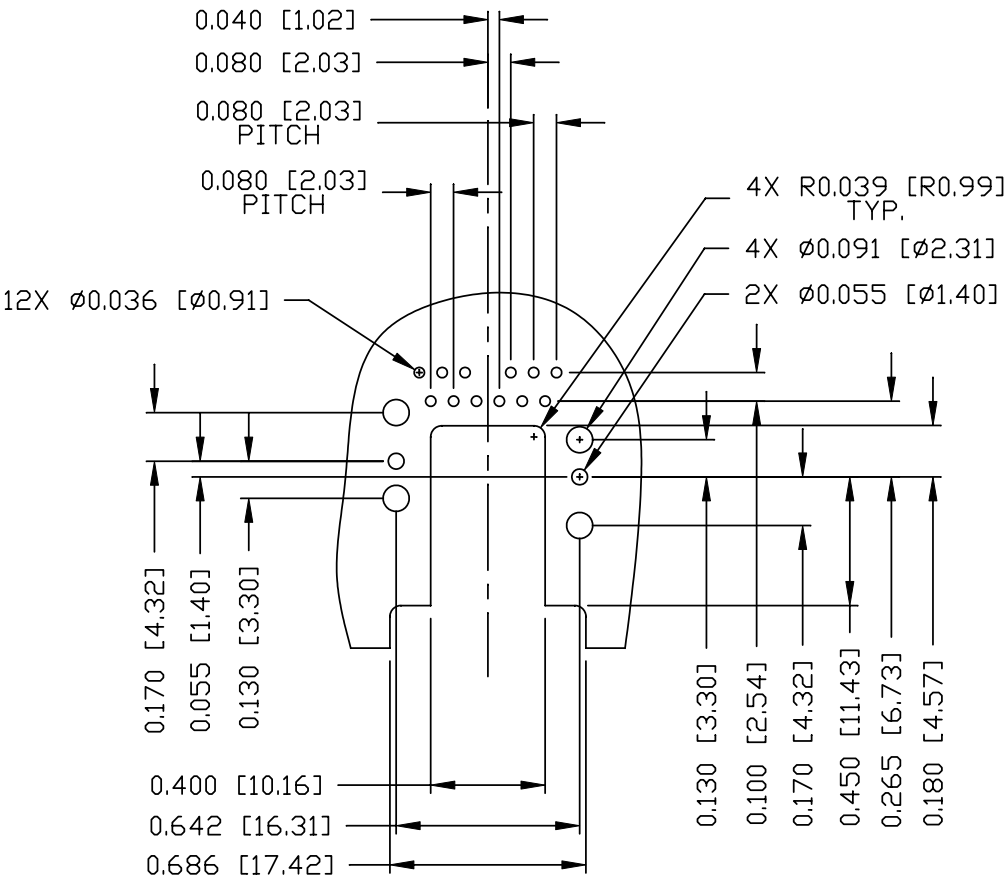


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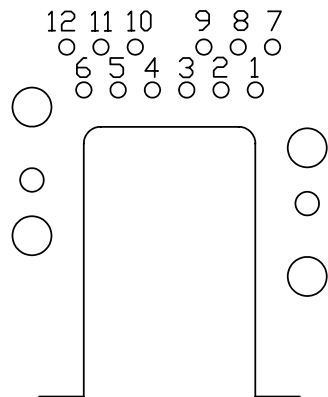
RoHS



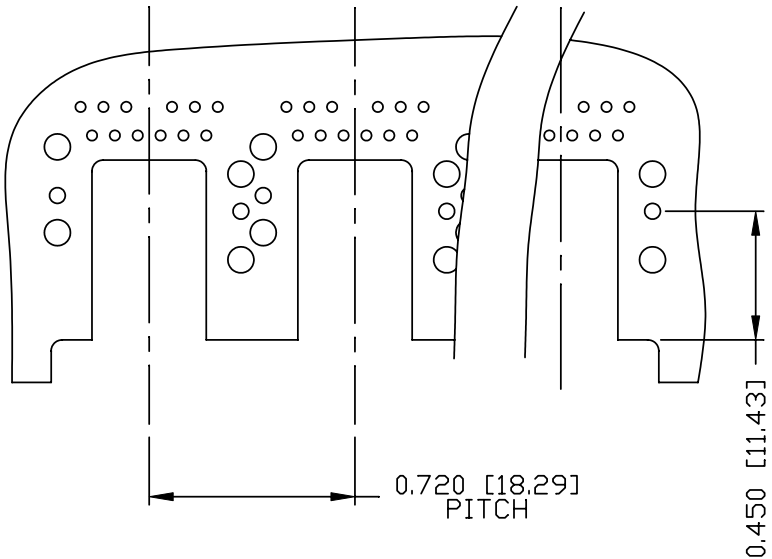
RECOMMENDED PCB FOOTPRINT
COMPONENT SIDE VIEW



FOR ONE UNIT



PIN-OUT ASSIGNMENT
(SCALE 1.5:1)



FOR MULTI-UNITS

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

TITLE gigabit MagJack® (NanoJack) PATENTED

PART NO. / DRAWING NO. L835-1X1T-S7
FILE NAME L835-1X1T-S7_B.DWG

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

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

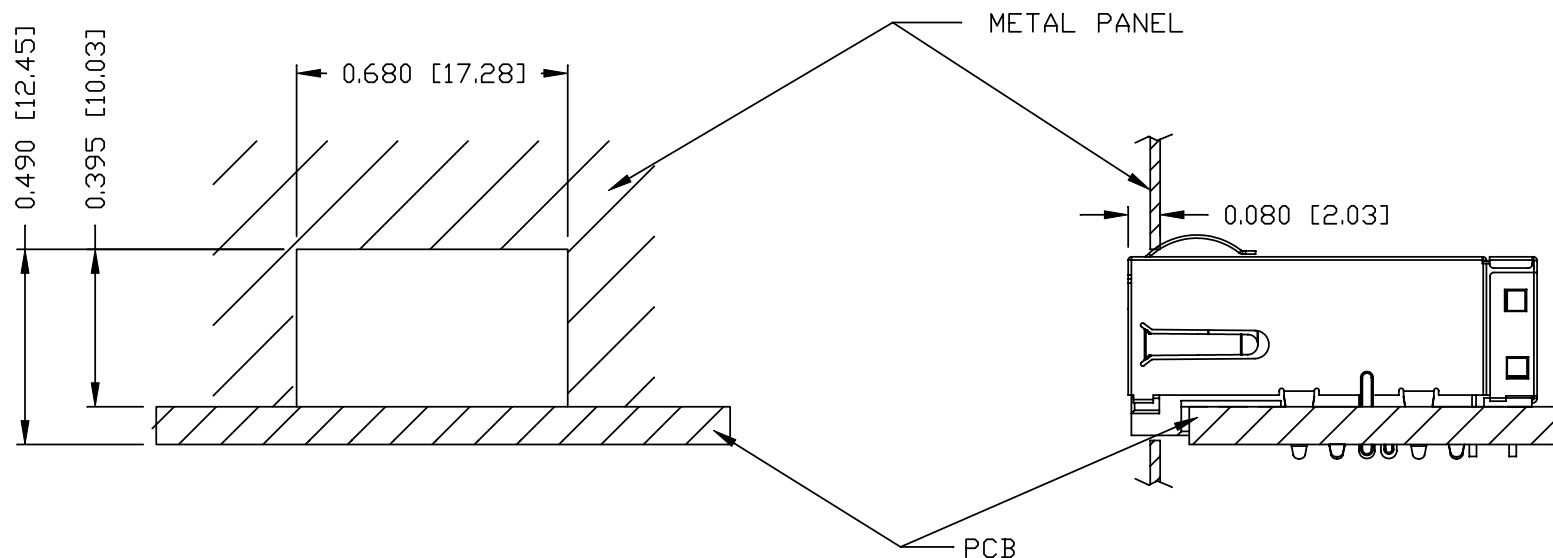


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SUGGESTED PANEL OPENING



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.		[] METRIC DIM. AS REFERENCE	
				TOL. IN INCH		UNIT : INCH [mm]	REV. : B
ANTON LIAO	2012-01-18	gigabit MagJack® (NanoJack) PATENTED	L835-1X1T-S7	.X		SCALE : N/A	SIZE : A4
DRAWN BY	DATE			.XX			PAGE : 5
WU ZHIHENG	2012-01-18			.XXX	±0.004		

