



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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RoHS



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

ELECTRICAL CHARACTERISTICS @ 25°C

URNS RATIO

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

CL @ 100kHz/100mVRMS

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)

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):

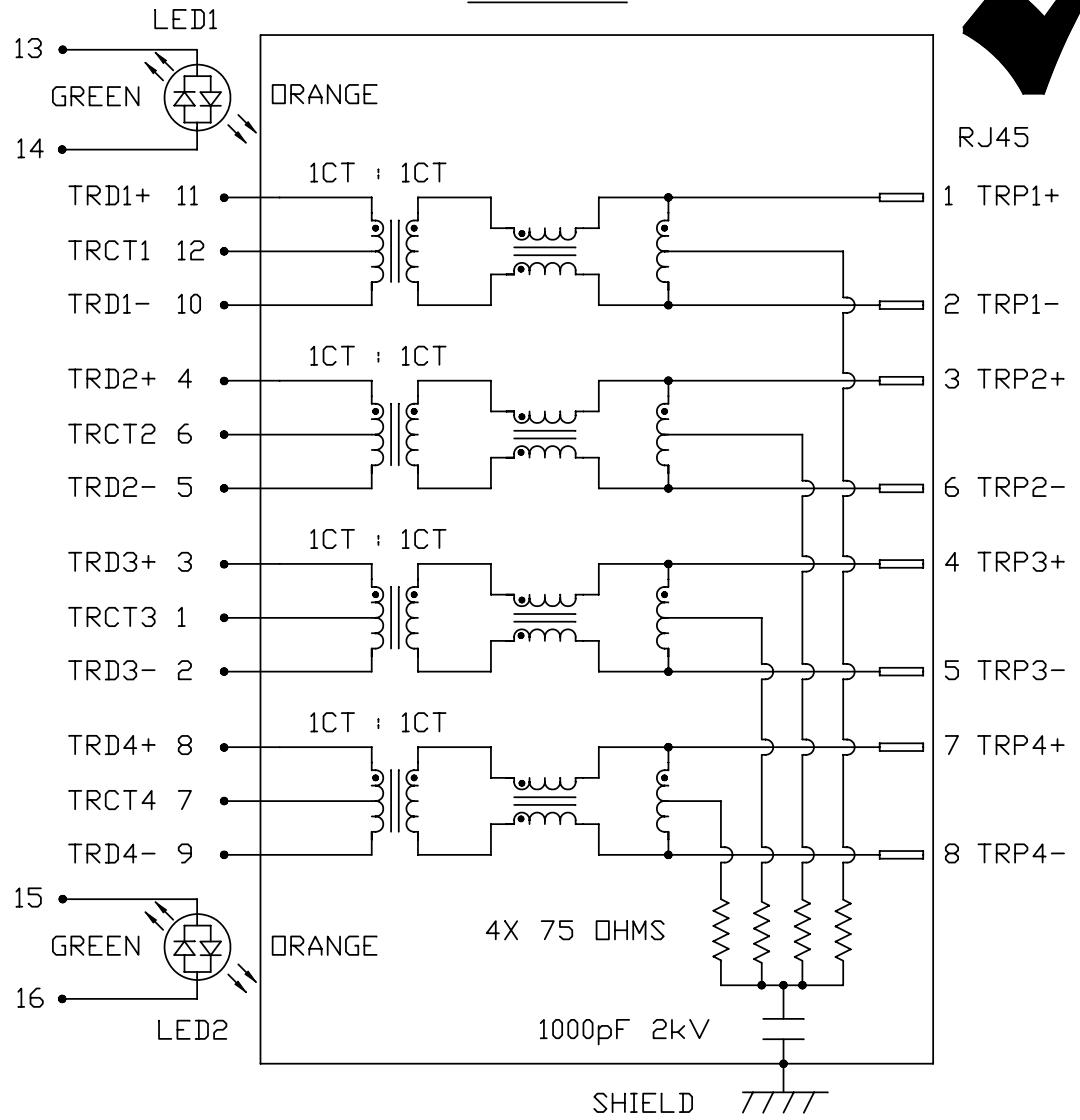
1500 Vrms or 2250VDC

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

LED 1 & 2

VF (FORWARD VOLTAGE)	IF=20mA	GREEN	2.2V TYP.
		ORANGE	2.0V TYP.
AD (DOMINANT WAVELENGTH)	IF=20mA	GREEN	565nm TYP.
		ORANGE	610nm TYP.

SCHEMATIC



ORIGINATED BY	DATE	TITLE
CHOW WANCHUNG	2012-05-09	
DRAWN BY	DATE	
TAN QIGUANG	2012-05-09	

gigabit MagJack® (12 cores, Tap Up)	
0826-1B1T-23-F PATENTED	

PART NO. / DRAWING NO.	08261B1T23-F
FILE NAME	08261B1T23-F_D.DWG

STANDARD DIM. TOL. IN INCH	[] METRIC DIM. AS REFERENCE
.X	UNIT : INCH [mm]
.XX	REV. : D
.XXX	SCALE : N/A
	SIZE : A4
	PAGE : 2

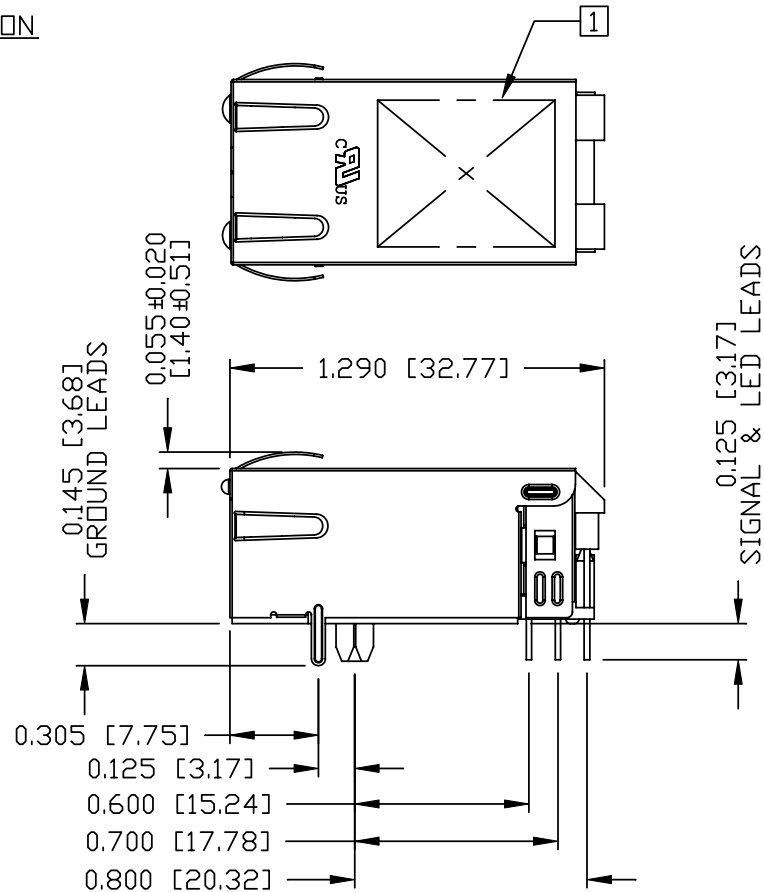
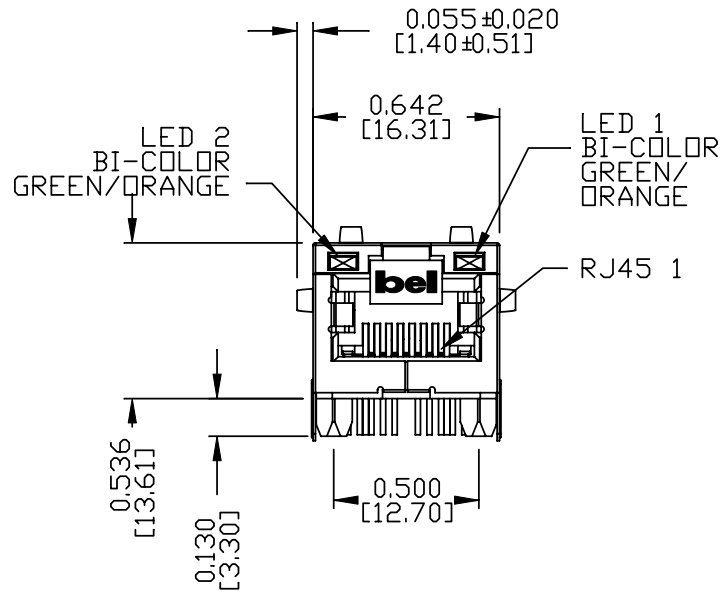


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MECHANICAL SPECIFICATION



NOTES:

- PLASTIC HOUSING: THERMOPLASTIC PA
FLAMMABILITY RATING UL 94V-0
- CONTACTS: 50 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, DATE CODE AND PATENTED

- 1. THE PRODUCT IS RoHS COMPLIANT.
- 2. THE PRODUCT IS RoHS COMPLIANT.
- 3. JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS,
- 4. THE PRODUCT IS PATENTED. THE PATENT NUMBER IS U.S. PAT. 5,736,910.

ORIGINATED BY ANTON LIAO	DATE 2012-05-09	TITLE gigabit MagJack® (12 cores, Tap Up) 0826-1B1T-23-F PATENTED	PART NO. / DRAWING NO. 08261B1T23-F	STANDARD DIM.		[] METRIC DIM. AS REFERENCE		 COMPONENTS FOR A CONNECTED PLANET
				TOL. IN INCH		UNIT : INCH [mm]	REV. : D	
DRAWN BY HE ZHEN	DATE 2012-05-09		FILE NAME 08261B1T23-F_D.DWG	.X		SCALE : N/A	SIZE : A4	PAGE : 3
				.XX				
				.XXX	±0.010			

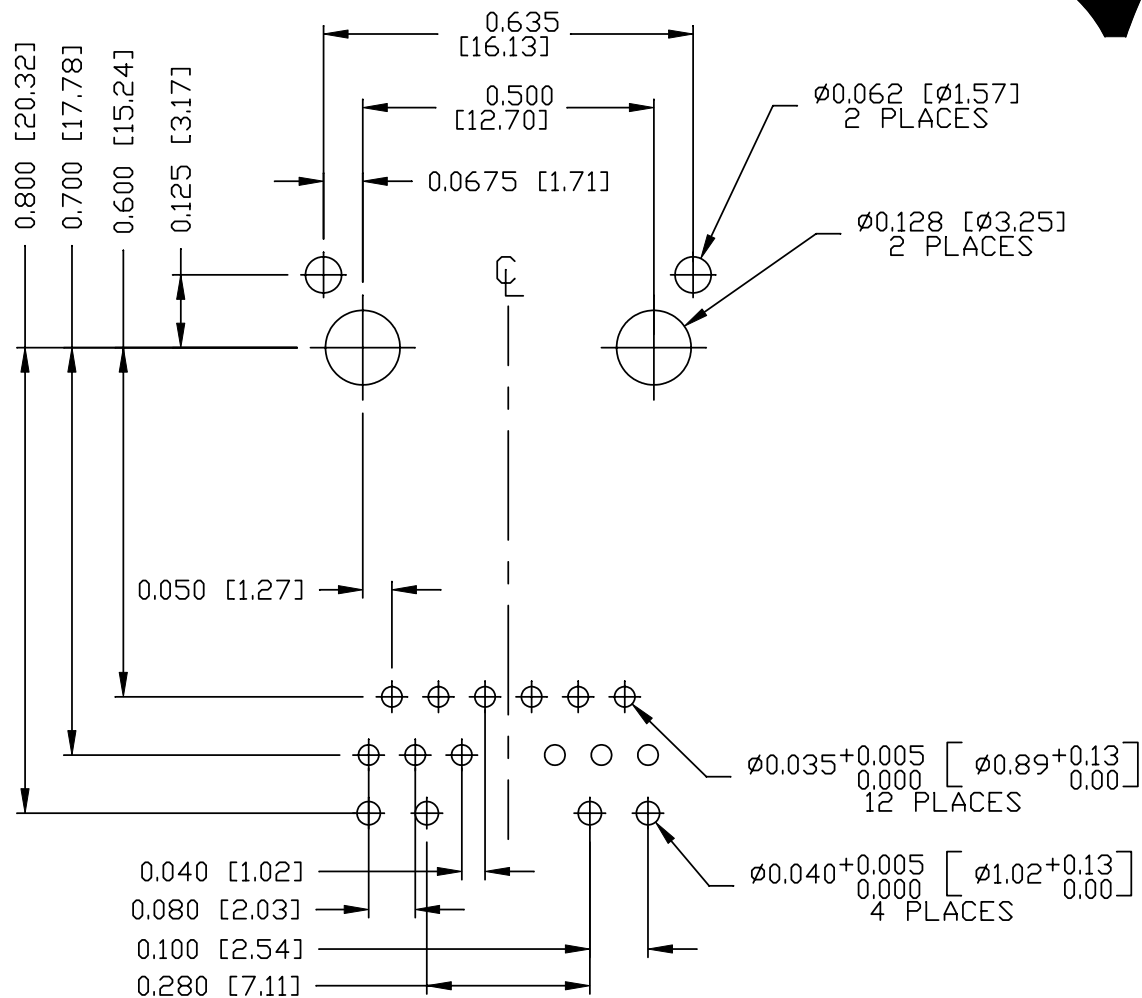
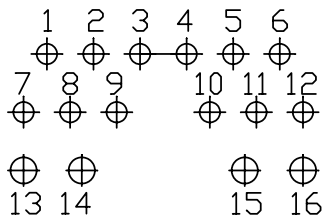
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RECOMMENDED PCB FOOTPRINT
COMPONENT SIDE VIEW

PIN ASSIGNMENT
COMPONENT SIDE VIEW



ORIGINATED BY ANTON LIAO	DATE 2012-05-09
DRAWN BY HE ZHEN	DATE 2012-05-09

TITLE gigabit MagJack® (12 cores, Tap Up) 0826-1B1T-23-F PATENTED

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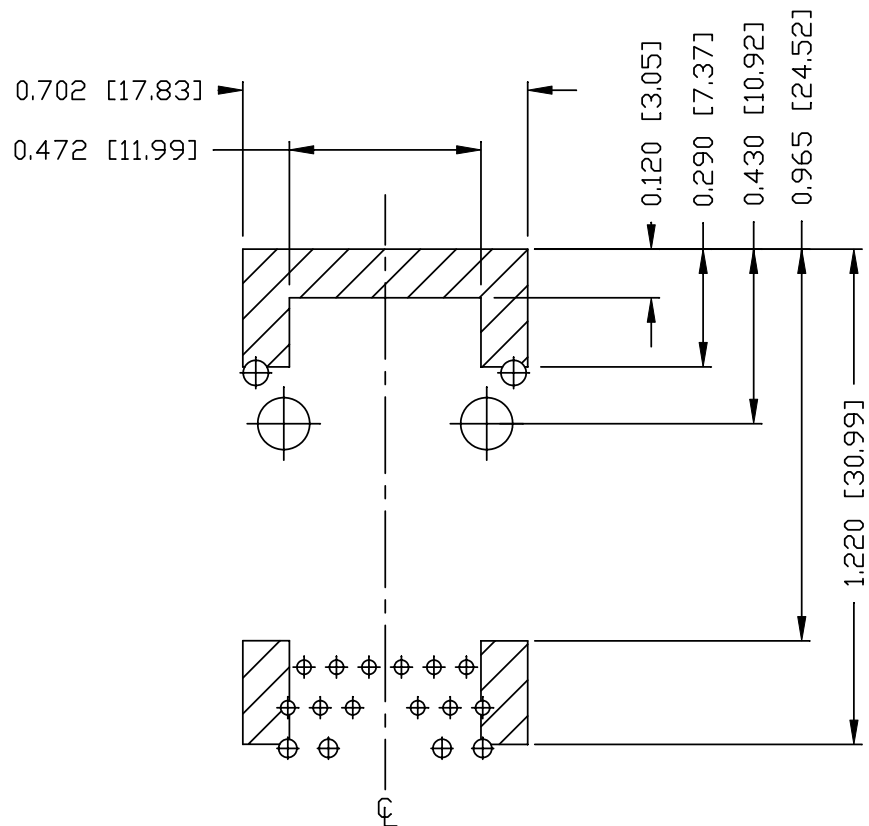
STANDARD DIM. TOL. IN INCH
.X
.XX
.XXX

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



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NOTES

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

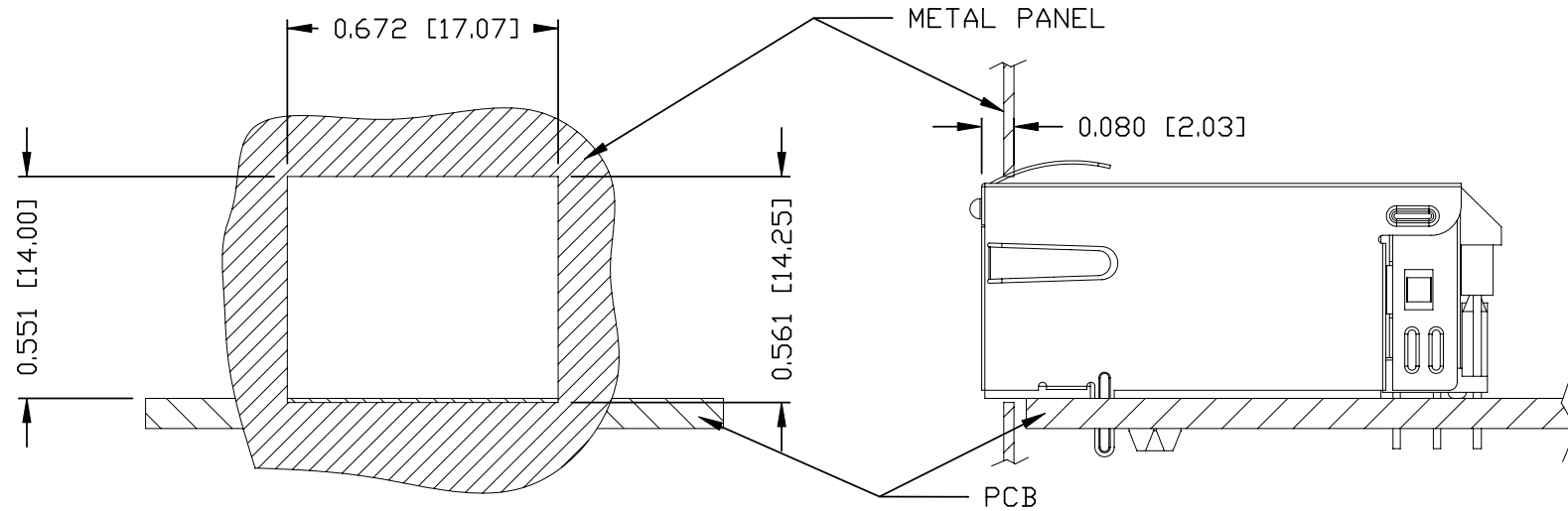
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DRAWN BY HE ZHEN	DATE 2012-05-09		FILE NAME 08261B1T23-F_D.DWG	.X .XX .XXX	UNIT : INCH [mm] SCALE : N/A	

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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-F6 (TOP)

0200-9999-F7 (BOTTOM)

PACKING QUANTITY : 40 PCS FINISHED GOODS PER TRAY

10 TRAYS (400 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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				TOL. IN INCH		UNIT : INCH [mm]	REV. : D	
DRAWN BY HE ZHEN	DATE 2012-05-09		FILE NAME 08261B1T23-F_D.DWG	.X		SCALE : N/A	SIZE : A4	COMPONENTS FOR A CONNECTED PLANET
				.XX				
				.XXX	±0.004			
						PAGE : 6		