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RoHS



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

ELECTRICAL CHARACTERISTICS @ 25°C

URNS RATIO

TP1	1CT : 1CT $\pm 2\%$
TP2	1CT : 1CT $\pm 2\%$
TP3	1CT : 1CT $\pm 2\%$
TP4	1CT : 1CT $\pm 2\%$

□CL @ 100kHz/100mVRMS

8mA DC BIAS

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
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CM TO DM REJ

100kHz - 100MHz	-35 dB MIN
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HIPOT (Isolation Voltage): 1500 Vrms

100% OF PRODUCTION TESTED TO COMPLY WITH

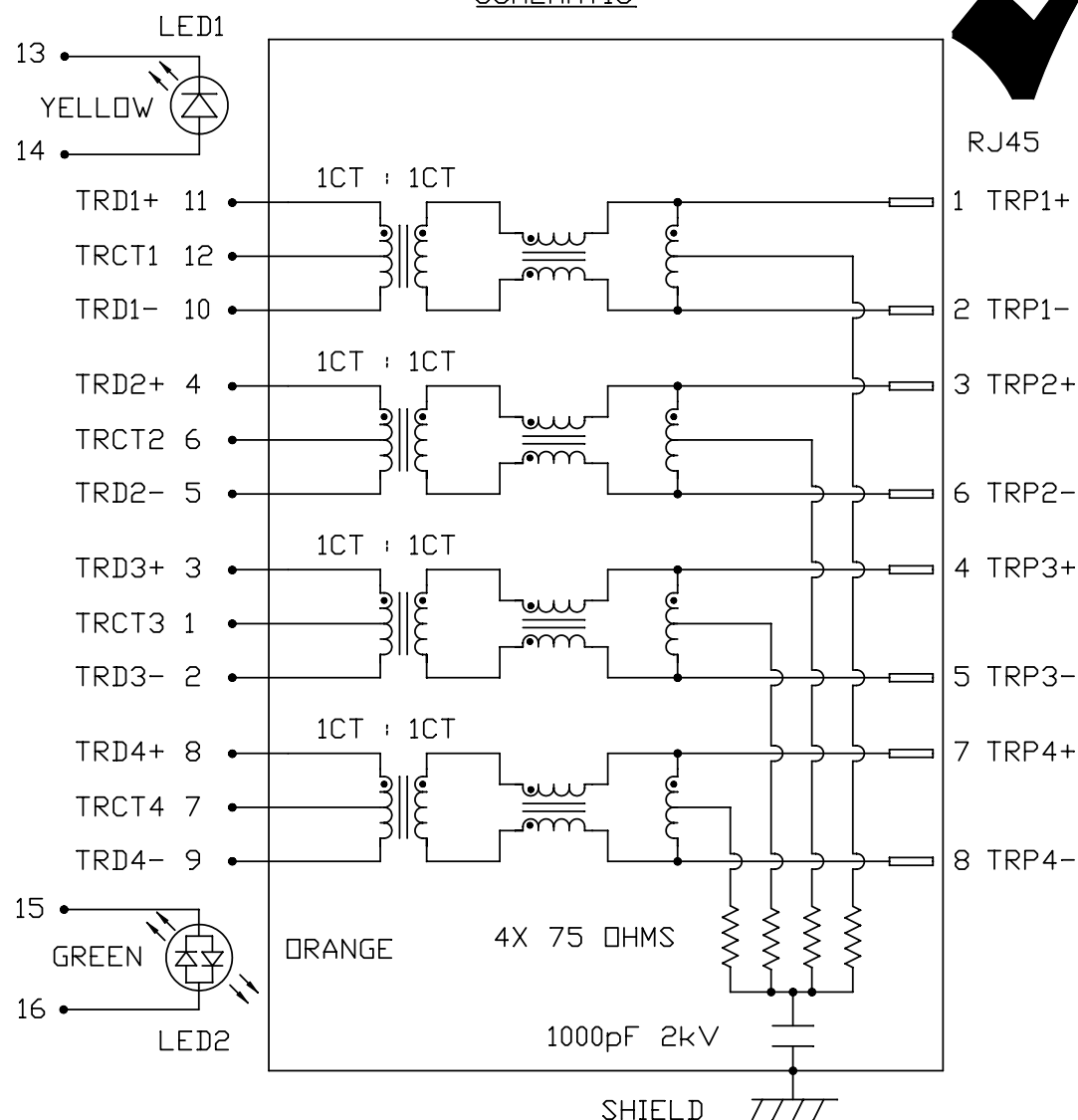
IEEE 802.3 ISOLATION REQUIREMENTS.

LED 1

VF (FORWARD VOLTAGE)	IF=20mA	YELLOW	2.1V TYP.
λD (DOMINANT WAVELENGTH)	IF=20mA	YELLOW	590nm TYP.

LED 2

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



ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM.	[] METRIC DIM. AS REFERENCE
CHOW WANCHUNG	2013-05-03	gigabit MagJack® (12 cores, Tab Up)	08261X1T23-F	TOL. IN INCH	UNIT : INCH [mm]
DRAWN BY	DATE	0826-1X1T-23-F	FILE NAME	.X	REV. : F
TAN QIGUANG	2013-05-03	PATENTED	08261X1T23-F_F.DWG	.XX	SCALE : N/A
				.XXX	SIZE : A4
					PAGE : 2

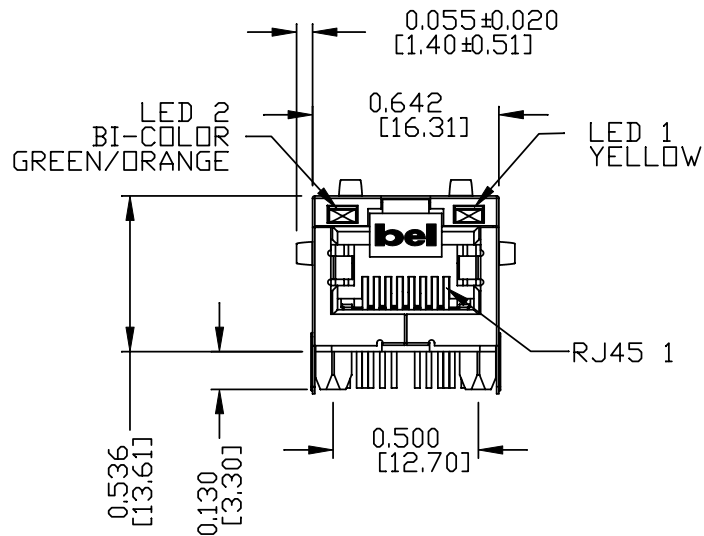


COMPONENTS FOR A
CONNECTED
PLANET

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MECHANICAL SPECIFICATION

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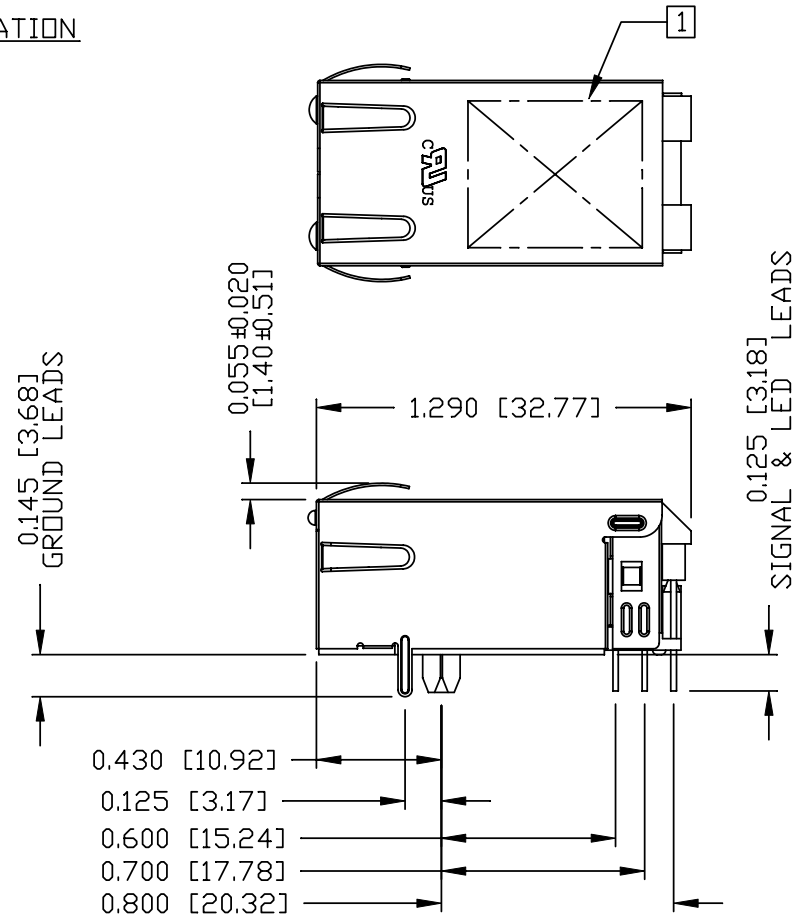
NOTES:

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" MARKING. THE PRODUCT IS PATENTED. THE PATENTED NUMBER IS U.S. PAT. 5,736,910.

2. THE PRODUCT IS RoHS COMPLIANT.

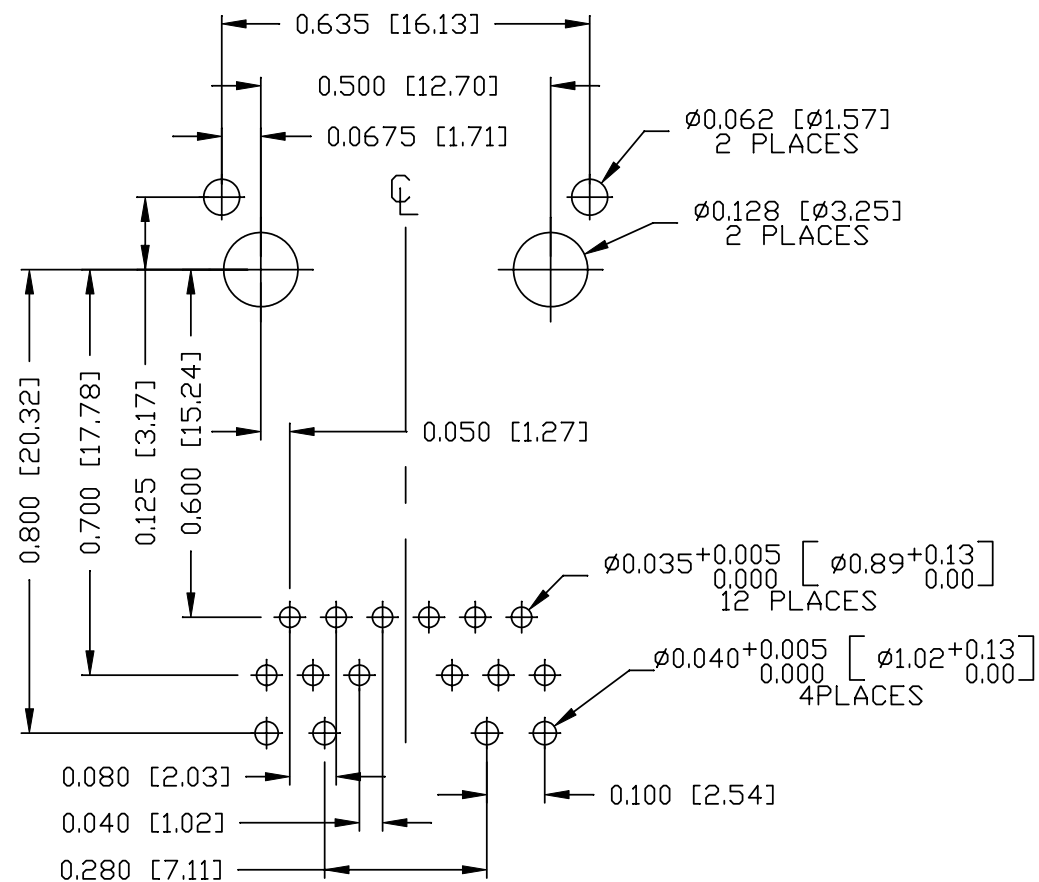
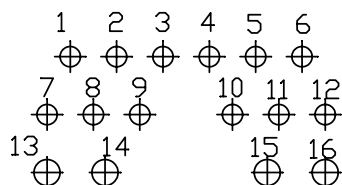
JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS.

ORIGINATED BY ANTON LIAO	DATE 2013-05-03	TITLE gigabit MagJack® (12 cores, Tab Up) 0826-1X1T-23-F PATENTED	PART NO. / DRAWING NO. 08261X1T23-F	STANDARD DIM. TOL. IN INCH		[] METRIC DIM. AS REFERENCE		 COMPONENTS FOR A CONNECTED PLANET
DRAWN BY HE ZHEN	DATE 2013-05-03		FILE NAME 08261X1T23-F_F.DWG	.X		UNIT : INCH [mm]	REV. : F	
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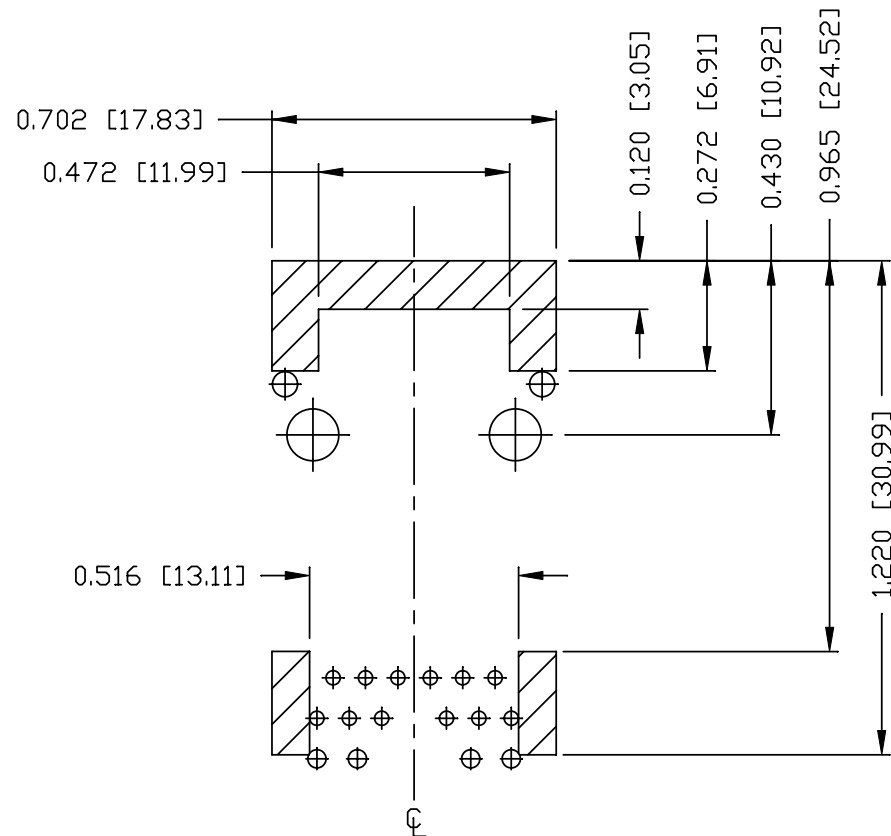
PIN ASSIGNMENT
COMPONENT SIDE VIEW



ORIGINATED BY ANTON LIAO	DATE 2013-05-03	TITLE gigabit MagJack® (CM Termination) 0826-1X1T-23-F PATENTED	PART NO. / DRAWING NO. 08261X1T23-F		STANDARD DIM. TOL. IN INCH		[] METRIC DIM. AS REFERENCE		 COMPONENTS ON A CONNECTED PLANET
DRAWN BY HE ZHEN	DATE 2013-05-03		FILE NAME 08261X1T23-F_F.DWG	.X		UNIT : INCH [mm]		REV. : F	
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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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ANTON LIAO	2013-05-03		08261X1T23-F	TOL. IN INCH		UNIT : INCH [mm]	REV. : F	
DRAWN BY	DATE		FILE NAME	.X		SCALE : N/A	SIZE : A4	
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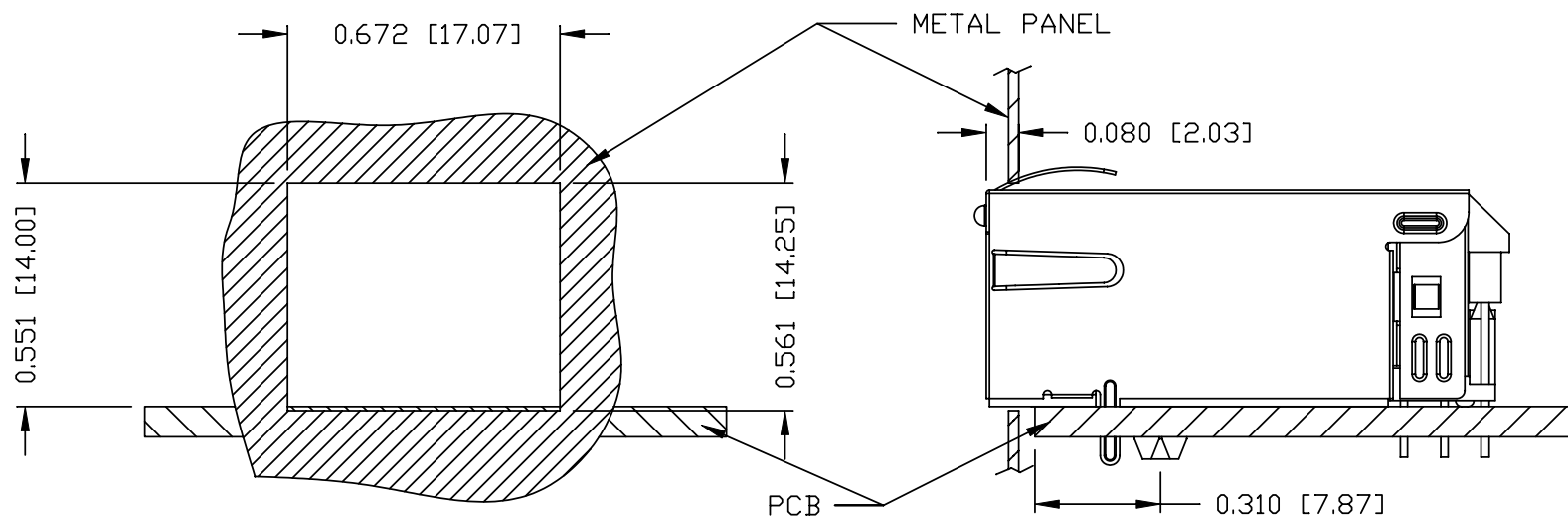


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SUGGESTED PANEL OPENING



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)

ORIGINATED BY ANTON LIAO	DATE 2013-05-03	TITLE glgabit MagJack® (12 cores, Tab Up) 0826-1X1T-23-F PATENTED	PART NO. / DRAWING NO. 08261X1T23-F	STANDARD DIM. TOL. IN INCH		[] METRIC DIM. AS REFERENCE		 COMPONENTS FOR A CONNECTED PLANET
				.X		UNIT : INCH [mm]	REV. : F	
DRAWN BY HE ZHEN	DATE 2013-05-03		FILE NAME 08261X1T23-F_F.DWG	.XX		SCALE : N/A	SIZE : A4	
				.XXX	±0.004		PAGE : 6	