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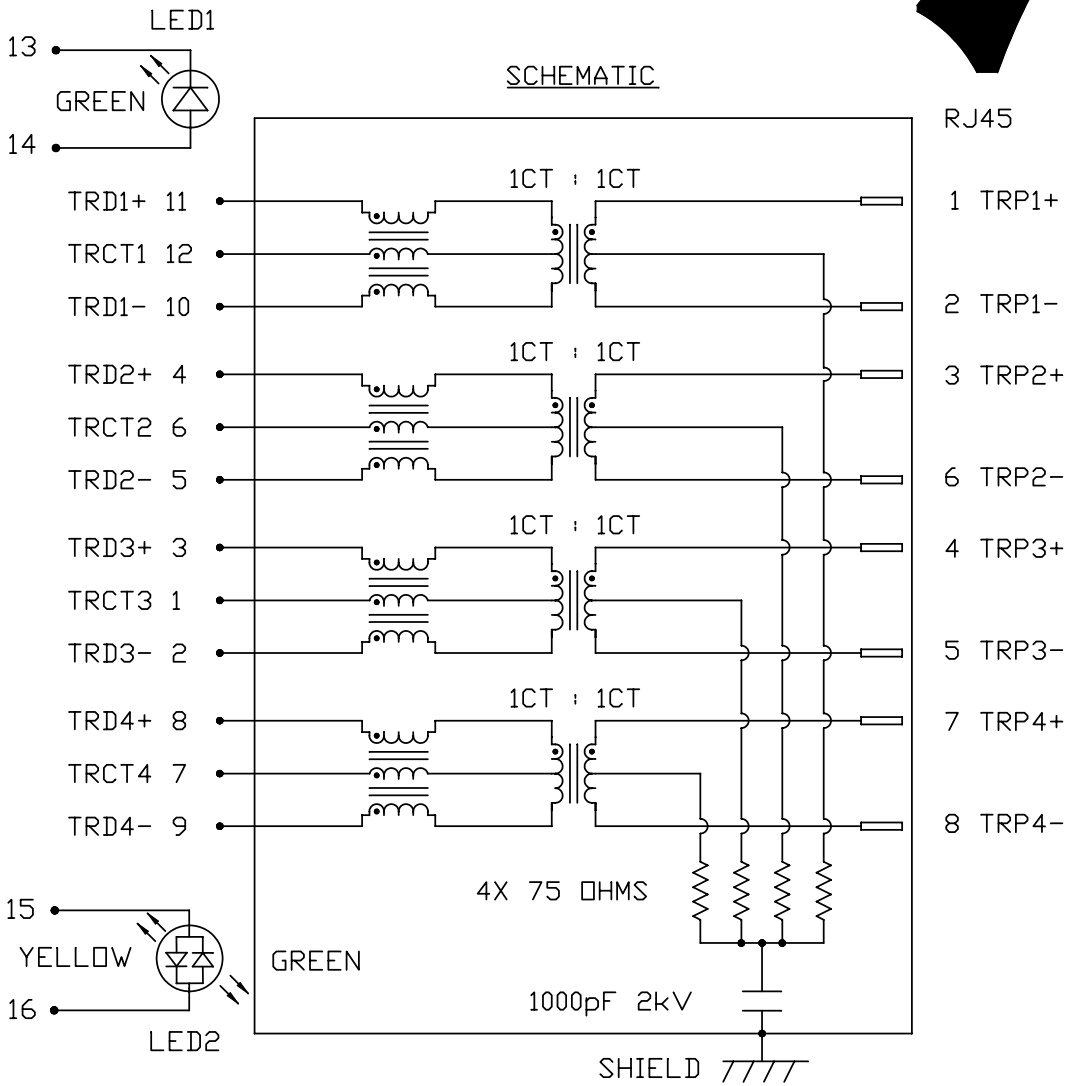
RoHS

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

ELECTRICAL CHARACTERISTICS @ 25°C

TURNS RATIO	
TP1	1CT : 1CT ±2%
TP2	1CT : 1CT ±2%
TP3	1CT : 1CT ±2%
TP4	1CT : 1CT ±2%
OCL @ 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
CROSS TALK	
100kHz - 100MHz	-33+20LOG(f/100MHz)dB MIN
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	
VF (FORWARD VOLTAGE)	IF=20mA GREEN 2.2V TYP.
λD (DOMINANT WAVELENGTH)	IF=20mA GREEN 565nm TYP.
LED 2	
VF (FORWARD VOLTAGE)	IF=20mA YELLOW 2.1V TYP.
	GREEN 2.2V TYP.
λD (DOMINANT WAVELENGTH)	IF=20mA YELLOW 590nm TYP.
	GREEN 565nm TYP.

SCHEMATIC



ORIGINATED BY: CHOW WANCHUNG — DATE: 2012-08-09	TITLE: gigabit MagJack® (8 cores, Tab Up) 0826-1K1T-43-F PATENTED	PART NO. / DRAWING NO.: 08261K1T43-F	STANDARD DIM. TOL. IN INCH: .X, .XX, .XXX
DRAWN BY: TAN QIGUANG — DATE: 2012-08-09		FILE NAME: 08261K1T43-F_D.DWG	[ ] METRIC DIM. AS REFERENCE; UNIT : INCH [mm]; SCALE : N/A; REV. : D; SIZE : A4; PAGE : 2

bel — COMPONENTS FOR A CONNECTED PLANET

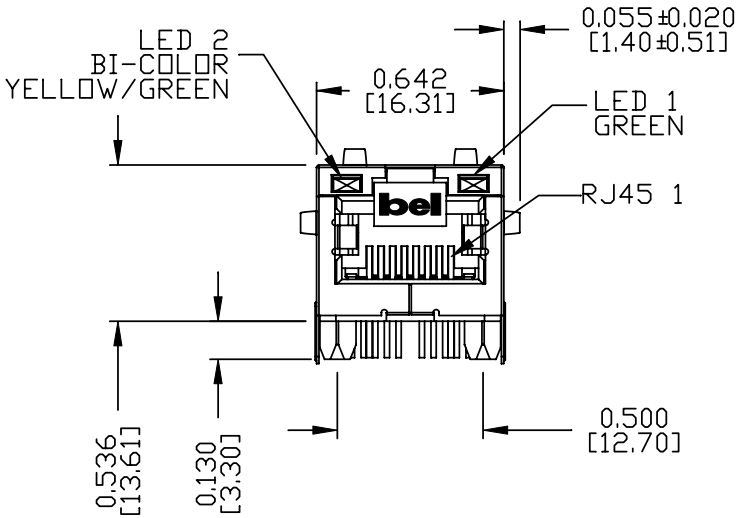
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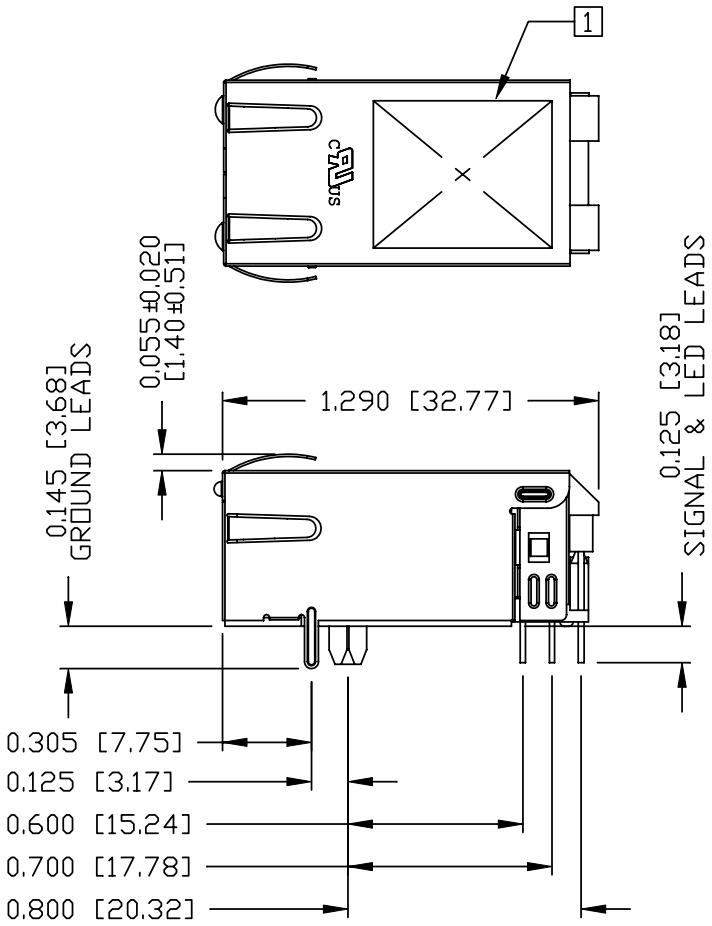
Please read our datasheet & drawing disclaimer here.

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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.

c UL us UL RECOGNIZED - FILE #E196366 AND E169987.

2. THE PRODUCT IS RoHS COMPLIANT.
JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS.

3. THE PRODUCT IS PATENTED. THE PATENT NUMBER ARE U.S. PAT. 5,736,910 AND U.S. PAT. 7,123,117.

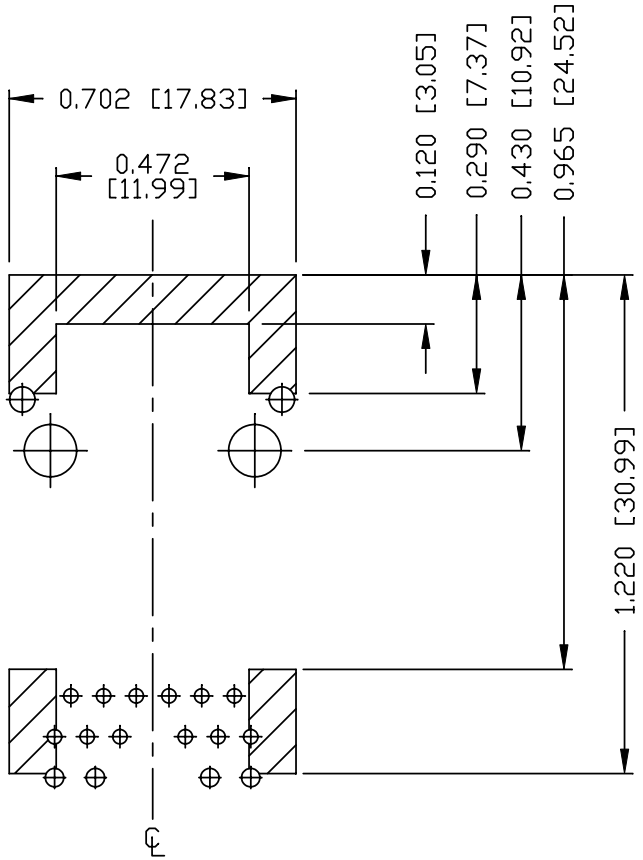
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ANTON LIAO	2012-08-09	gigabit MagJack® (8 cores, Tab Up) 0826-1K1T-43-F PATENTED	08261K1T43-F	.X		UNIT : INCH [mm]	REV. : D
DRAWN BY	DATE		FILE NAME	.XX		SCALE : N/A	SIZE : A4
HE ZHEN	2012-08-09		08261K1T43-F_D.DWG	.XXX	±0.010		PAGE : 3

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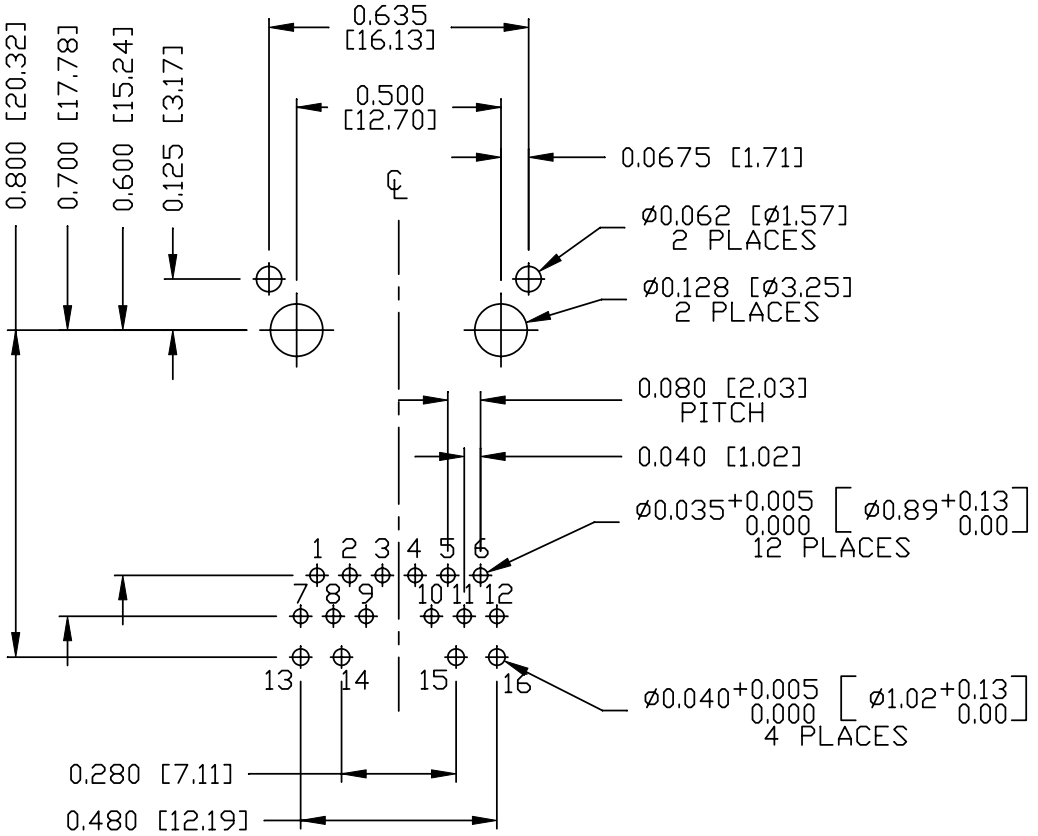
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RECOMMENDED PCB FOOTPRINT

COMPONENT SIDE VIEW



NOTES

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

ORIGINATED BY: ANTON LIAO	DATE: 2012-08-09	TITLE: gigabit MagJack® (8 core, Tab Up) 0826-1K1T-43-F PATENTED	PART NO. / DRAWING NO.: 08261K1T43-F	STANDARD DIM. TOL. IN INCH: .X, .XX, .XXX ±0.004	[ ] METRIC DIM. AS REFERENCE
DRAWN BY: HE ZHEN	DATE: 2012-08-09		FILE NAME: 08261K1T43-F_D.DWG		UNIT : INCH [mm] / REV. : D
					SCALE : N/A / SIZE : A4
					PAGE : 4

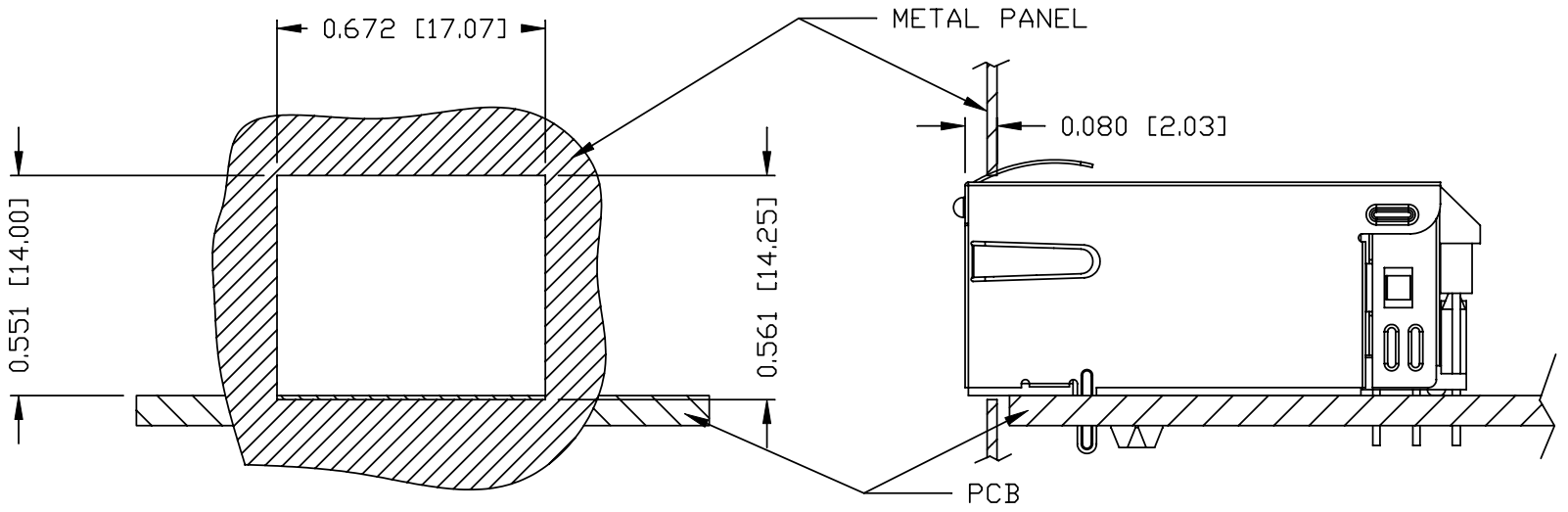
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SUGGESTED PANEL OPENING



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-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	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM. TOL. IN INCH		[ ] METRIC DIM. AS REFERENCE	
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