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LED1 POLARITY			LED2 POLARITY		
PIN 12	PIN 13	COLOR	PIN 14	PIN 15	COLOR
−	+	GREEN	−	+	GREEN
+	−	YELLOW			

ELECTRICAL CHARACTERISTICS @ 25°C

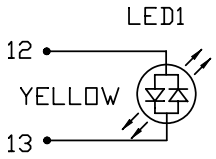
TURNS RATIO	1CT : 1CT ±2%
OCL @ 100kHz/100mVRMS	
8mA DC BIAS	350µH MIN.
INSERTION LOSS	
100KHz TO 100MHz	-1.5 dB MAX.
RETURN LOSS (MIN.)	
2MHz-30MHz	-16 dB MIN.
60MHz-80MHz	-10 dB MIN.
CROSS TALK	
100KHz - 100MHz	-30 dB MIN.
HIPOT (ISOLATION VOLTAGE)	2250 VDC
100% OF PRODUCTION TESTED TO COMPLY WITH IEEE 802.3 ISOLATION REQUIREMENTS	
BALANCED DC LINE CURRENT	350mA MAX. @ 57 VDC CONTINUOUS
	500mA MAX. @ 57 VDC FOR 200 MILLSECONDS

LED 1

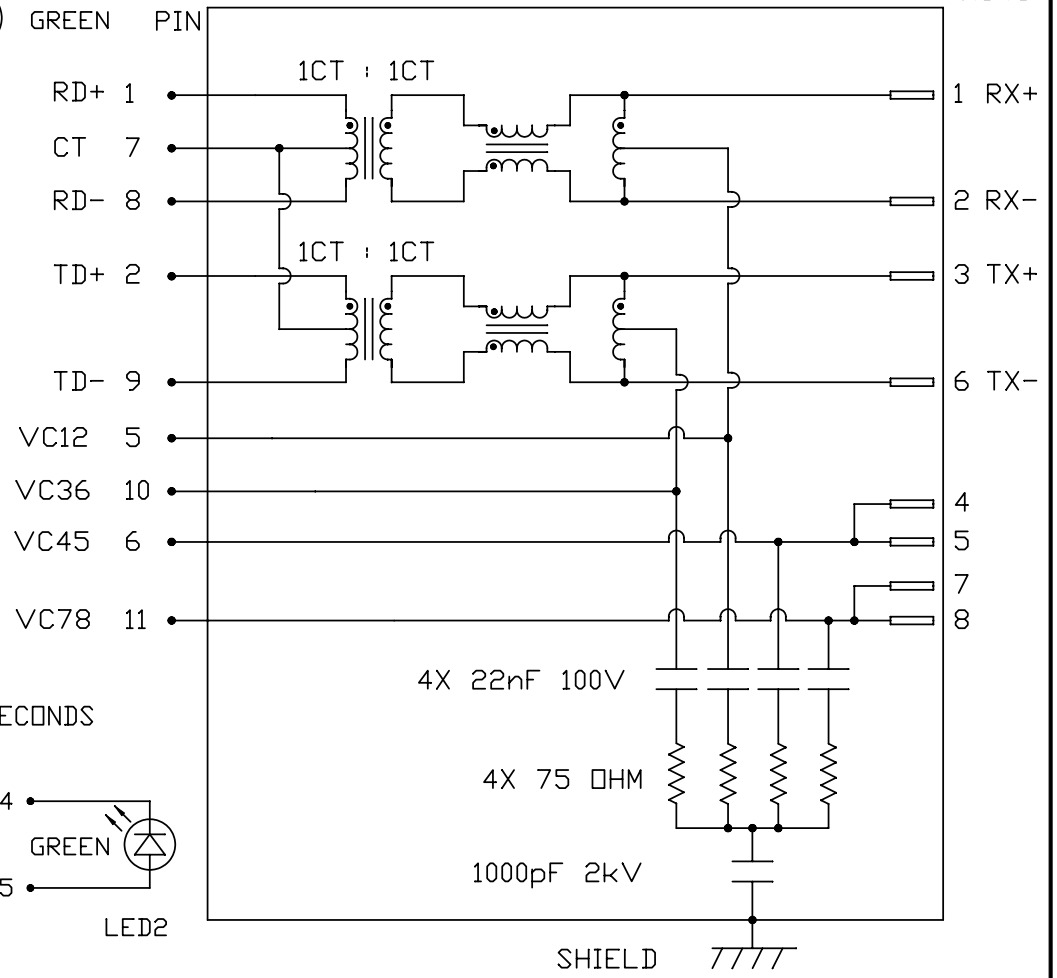
VF (FORWARD VOLTAGE)	IF=20mA	GREEN	2.2V TYP.
	IF=20mA	YELLOW	2.1V TYP.
λD (DOMINANT WAVELENGTH)	IF=20mA	GREEN	565nm TYP.
	IF=20mA	YELLOW	590nm TYP.

LED 2

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



SCHEMATIC



ORIGINATED BY: CHOW WANCHUNG — DATE: 2012-09-20	TITLE: 10/100 MagJack® PoE 0826-1L1T-57-F PATENTED	PART NO. / DRAWING NO.: 08261L1T57-F	STANDARD DIM. TOL. IN INCH: .X, .XX, .XXX	[ ] METRIC DIM. AS REFERENCE	bel COMPONENTS FOR A CONNECTED PLANET
DRAWN BY: TAN QIGUANG — DATE: 2012-09-20		FILE NAME: 08261L1T57-F_E.DWG		UNIT : INCH [mm] — REV. : E; SCALE : N/A — SIZE : A4; PAGE : 2	

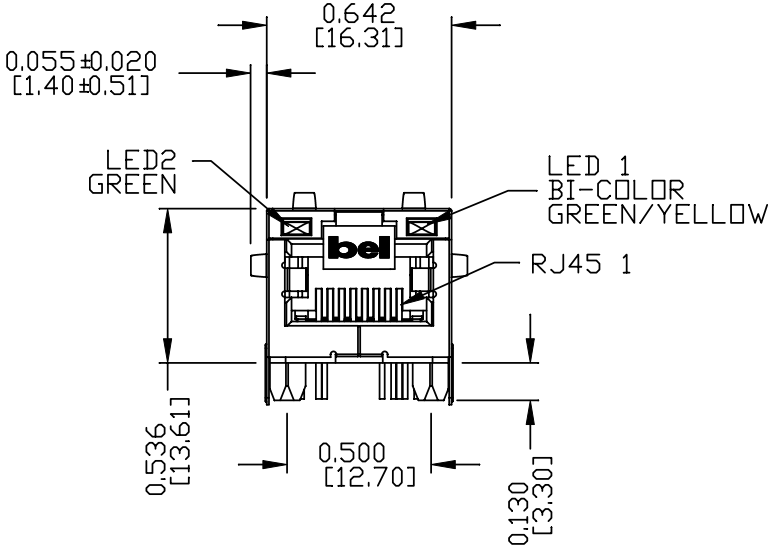
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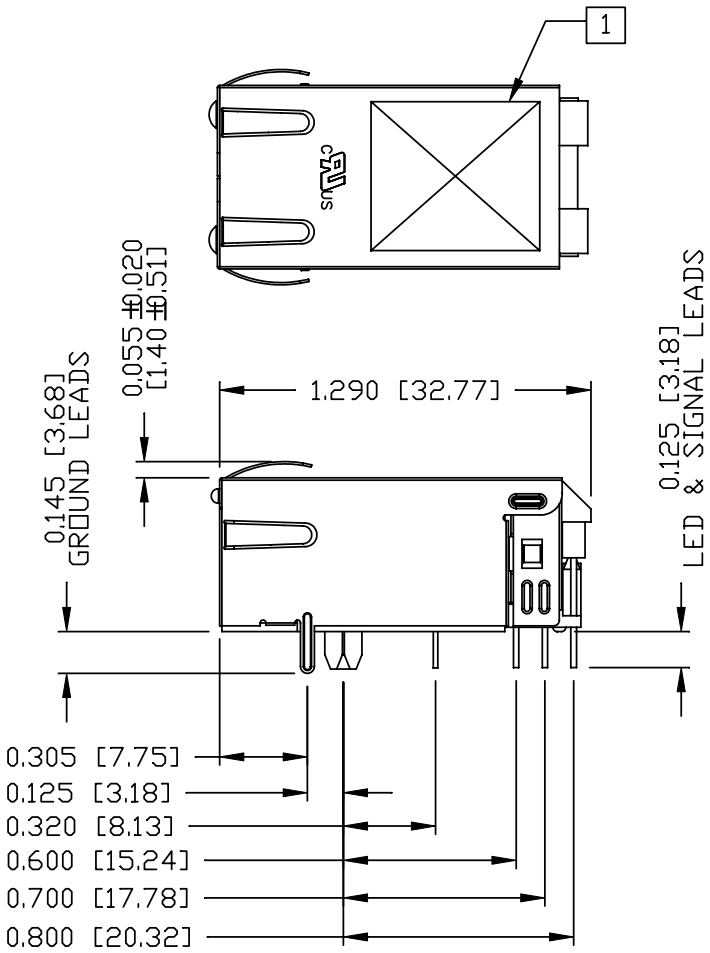
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MECHANICAL SPECIFICATION

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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 SOLER 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 IS U.S. PAT. 5,736,910.

ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM. TOL. IN INCH		[ ] METRIC DIM. AS REFERENCE	
ANTON LIAO	2012-09-20	10/100 MagJack® PoE 0826-1L1T-57-F PATENTED	08261L1T57-F	.X		UNIT : INCH [mm]	REV. : E
DRAWN BY	DATE		FILE NAME	.XX		SCALE : N/A	SIZE : A4
HE ZHEN	2012-09-20		08261L1T57-F_E.DWG	.XXX	±0.010		PAGE : 3

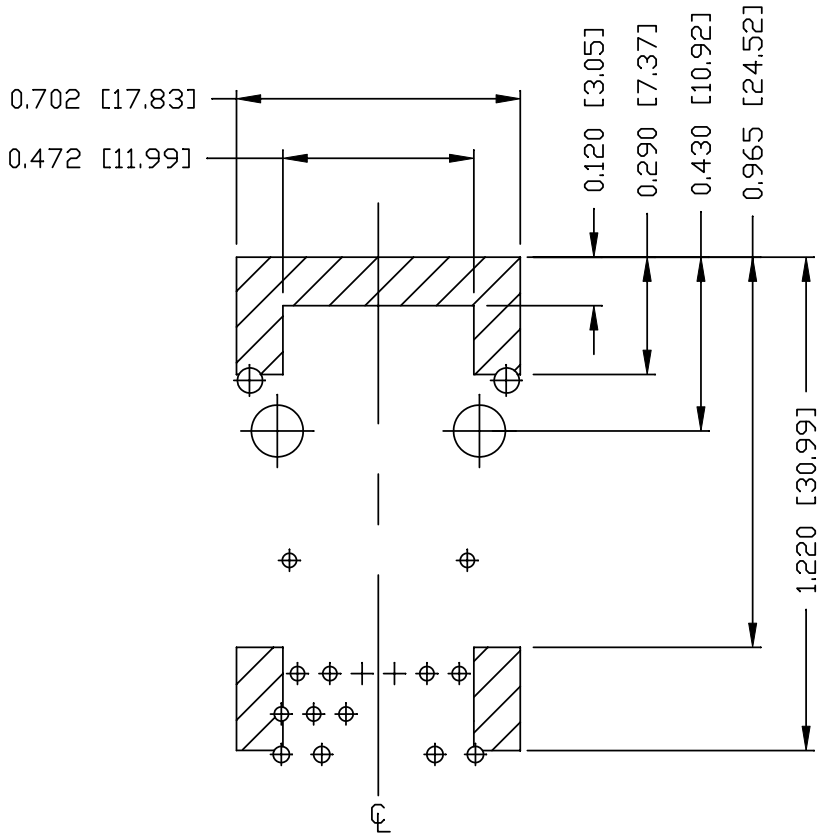
bel COMPONENTS FOR A CONNECTED PLANET

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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: 2012-09-20		FILE NAME: 08261L1T57-F_E.DWG	.X		UNIT : INCH [mm]	REV. : E
				.XX		SCALE : N/A	SIZE : A4
				.XXX	±0.004		PAGE : 4

bel COMPONENTS FOR A CONNECTED PLANET

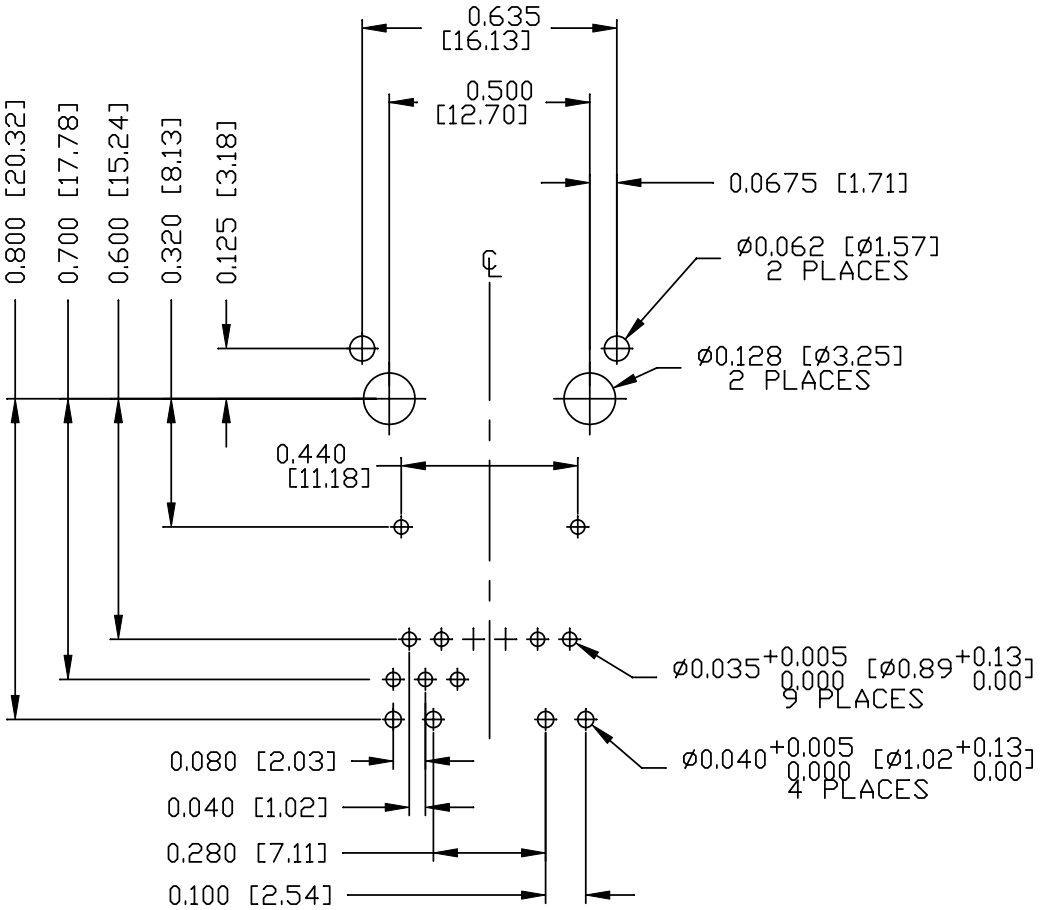
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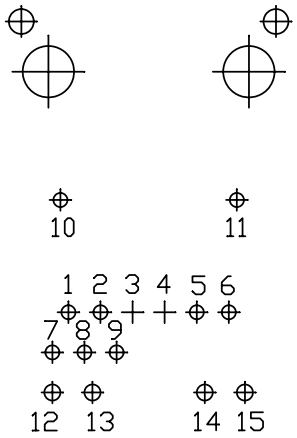
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RECOMMENDED PCB FOOTPRINT
COMPONENT SIDE VIEW





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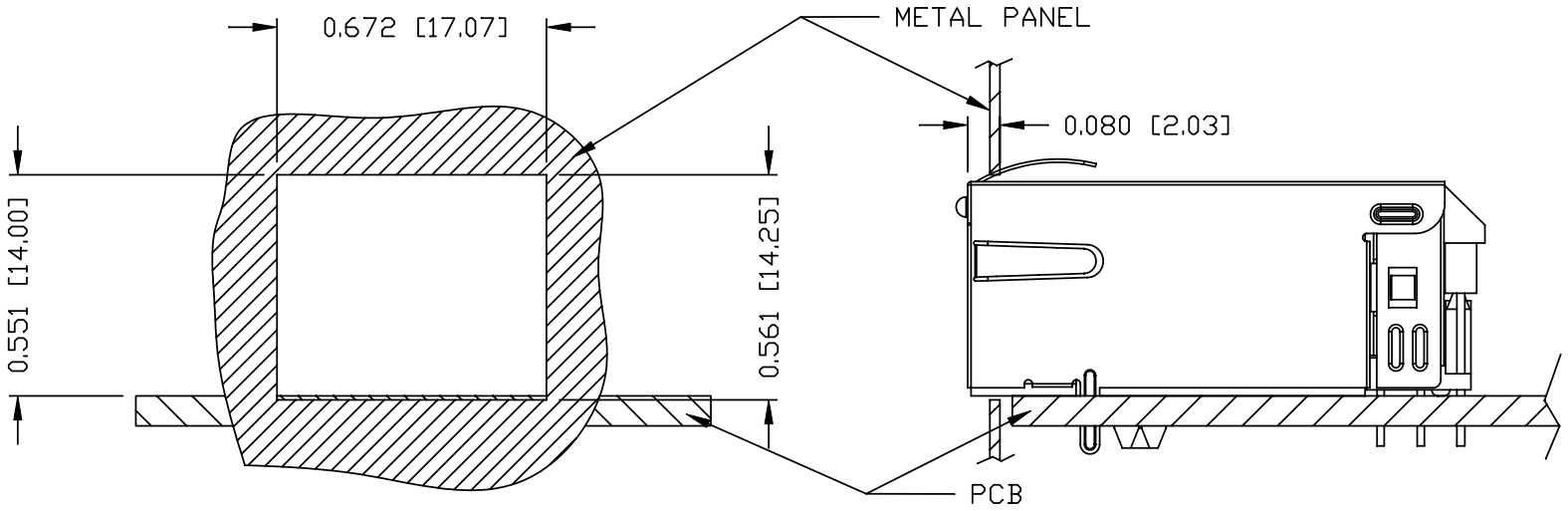
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SUGGESTED PANEL OPENING



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)

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DRAWN BY: HE ZHEN	DATE: 2012-09-20		FILE NAME: 08261L1T57-F_E.DWG		UNIT : INCH [mm] / REV. : E
					SCALE : N/A / SIZE : A4
					PAGE : 6

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