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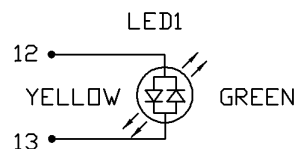
RoHS
2002/95/EC



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

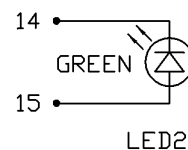
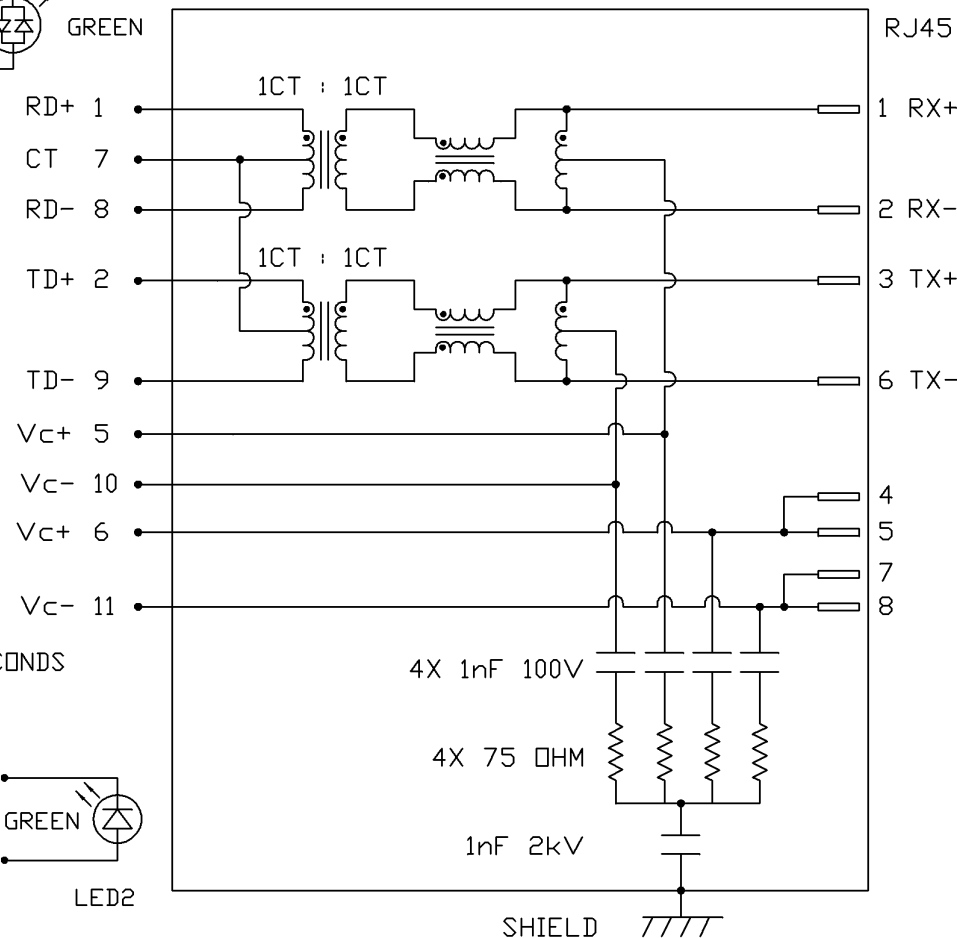
ELECTRICAL CHARACTERISTICS @ 25°C

TURNS RATIO	1CT : 1CT ±2%	RD-
QCL @ 100kHz/100mVRMS 8mA DC BIAS	350µH MIN.	CT
INSERTION LOSS 100KHz TO 100MHz	-1.5 dB MAX.	RD-
RETURN LOSS (MIN.) 2MHz-30MHz	-16 dB MIN.	TD-
60MHz-80MHz	-10 dB MIN.	
LEAKAGE INDUCTANCE PRIMARY W/ SECONDARY SHORTED	0.25µH MAX. @ 1MHz	TD-
D.C. RESISTANCE (8-1)=(9-2)	1.0 OHM MAX.	Vc+
(RJ1-RJ2)=(RJ3-RJ6)	1.40 OHM MAX.	Vc-
INTERWINDING CAPACITANCE PER CHANNEL (PRI. to SEC.)	40 pF MAX.	Vc+
CROSS TALK 100KHz - 100MHz	-30 dB MIN.	Vc-
BALANCED DC LINE CURRENT	350mA MAX. @ 57 VDC CONTINUOUS 500mA MAX. @ 57 VDC FOR 200 MILLSECONDS	
HIPOT (ISOLATION VOLTAGE)	2250 VDC	
100% OF PRODUCTION TESTED TO COMPLY WITH IEEE 802.3 ISOLATION REQUIREMENTS		
LED 1		14 ●
VF (FORWARD VOLTAGE)	IF=20mA GREEN 2.2V TYP. IF=20mA YELLOW 2.1V TYP.	GREEN
λD (DOMINANT WAVELENGTH)	IF=20mA GREEN 565nm TYP. IF=20mA YELLOW 590nm TYP.	15 ●
LED 2		
VF (FORWARD VOLTAGE)	IF=20mA GREEN 2.2V TYP.	
λD (DOMINANT WAVELENGTH)	IF=20mA GREEN 565nm TYP.	



PIN

SCHEMATIC



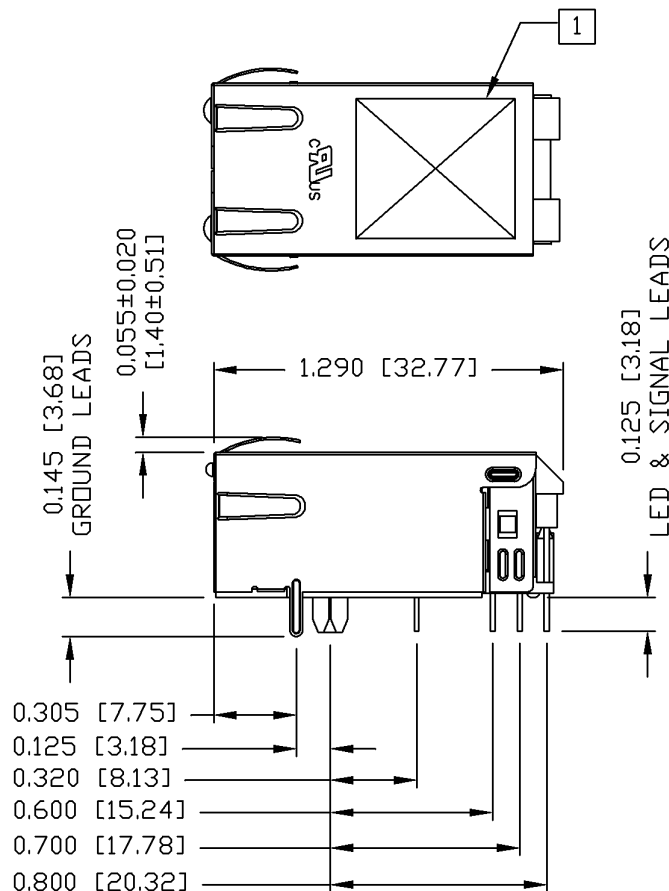
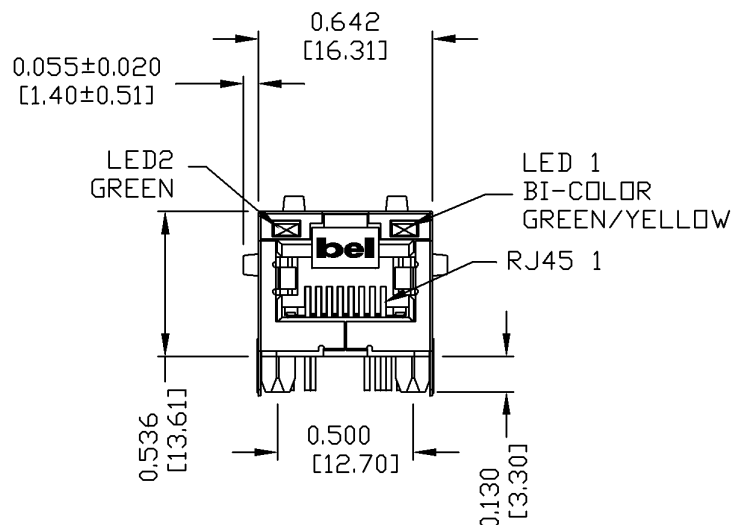
ORIGINATED BY		DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM.		[] METRIC DIM. AS REFERENCE	
CHOW WANGCHUNG		11-28-08			TOL. IN INCH		UNIT : INCH [mm]	REV. : C
DRAWN BY		DATE	10/100 MagJack® PoE 0826-1L1T-57-F	FILE NAME 08261L1T57-F_C.DWG	.X		SCALE : N/A	SIZE : A4
LEE WEIDE		11-28-08			.XX			PAGE : 2
					.XXX			



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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
OUTPUT PINS: TIN-COATED COPPER WIRE, DIA 0.018 INCH.
METAL SHIELD: NICKEL PLATED ON COPPER ALLOY.
(ALL GROUND LEADS ARE SOLDER DIPPED)

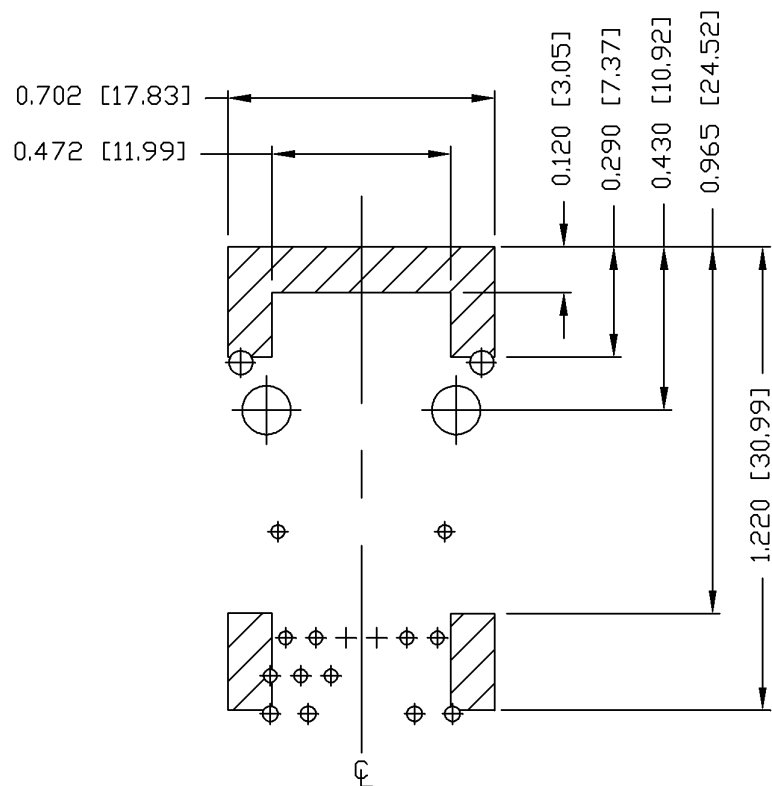
1. MARK PART WITH MFG LOGO, MFG NAME, PART NUMBER, AND DATE CODE.

UL US UL RECOGNIZED - FILE #E196366 AND E169987.
RoHS COMPLIANCE, PER EU DIRECTIVE 2002/95/EC.
JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS.

ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM. TOL. IN INCH	[] METRIC DIM. AS REFERENCE	
LIU QIN	11-28-08	10/100 MagJack® PoE	08261L1T57-F	.X	UNIT : INCH [mm]	REV. : C
DRAWN BY	DATE		FILE NAME	.XX	SCALE : N/A	SIZE : A4
XIAN JIAXIN	11-28-08	0826-1L1T-57-F	08261L1T57-F_C.DWG	.XXX ±0.010	SCALE : N/A	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.

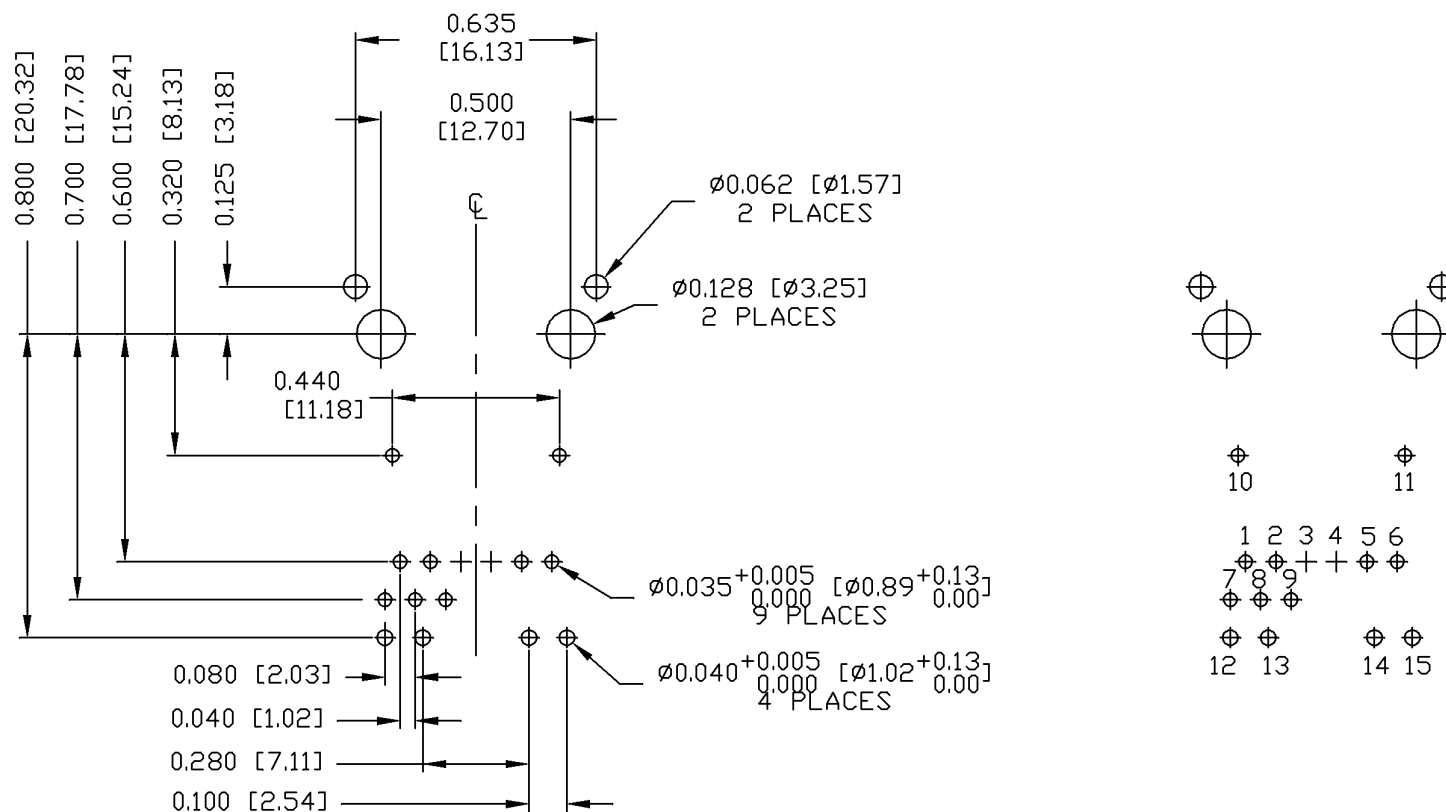
ORIGINATED BY LIU QIN	DATE 11-28-08	TITLE 10/100 MagJack® PoE 0826-1L1T-57-F	PART NO. / DRAWING NO. 08261L1T57-F	STANDARD DIM. TOL. IN INCH		[] METRIC DIM. AS REFERENCE		 COMPONENTS SEC A CONNECTED PLANET
				.X		UNIT : INCH [mm]	REV. : C	
DRAWN BY XIAN JIAXIN	DATE 11-28-08		FILE NAME 08261L1T57-F_C.DWG	.XX		SCALE : N/A	SIZE : A4	
				.XXX	±0.004		PAGE : 4	

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RECOMMENDED PCB FOOTPRINT COMPONENT SIDE VIEW



ORIGINATED BY	DATE	TITLE 10/100 MagJack® PoE 0826-1L1T-57-F	PART NO. / DRAWING NO.	STANDARD DIM.		[] METRIC DIM. AS REFERENCE		 COMPONENTS FOR A CONNECTED PLANET
LIU QIN	11-28-08		08261L1T57-F	TOL. IN INCH		UNIT : INCH [mm]	REV. : C	
DRAWN BY	DATE		FILE NAME	.X		SCALE : N/A	SIZE : A4	
XIAN JIAXIN	11-28-08		08261L1T57-F_C.DWG	.XX		.XXX ±0.004		

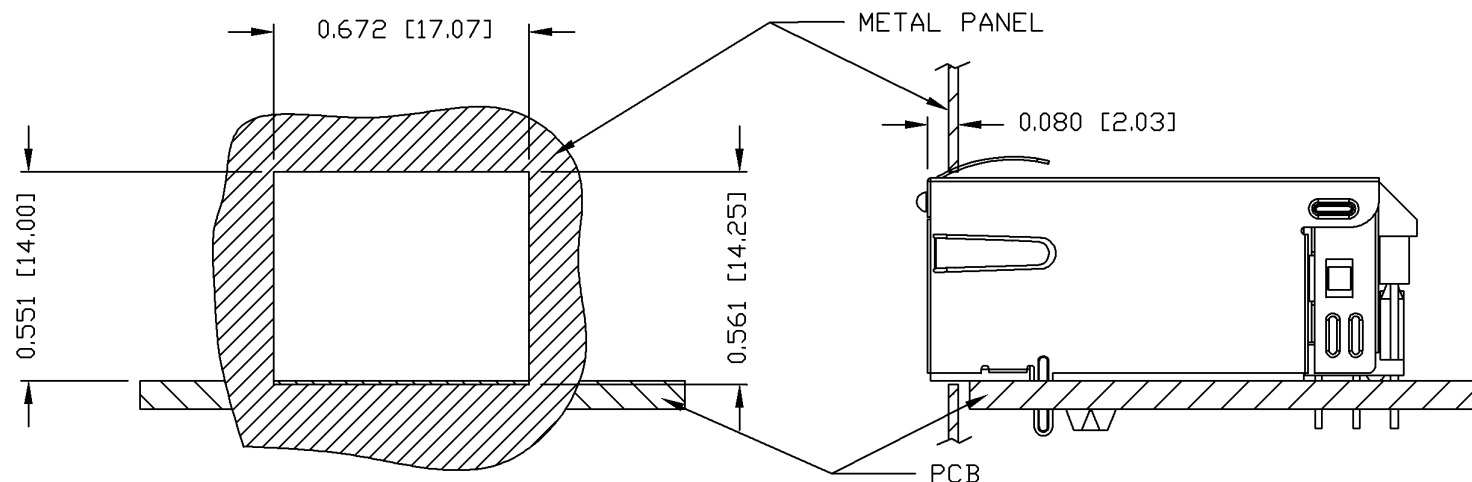


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SUGGESTED PANEL OPENING



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.	[] METRIC DIM. AS REFERENCE		
LIU QIN	11-28-08	10/100 MagJack® PoE 0826-1L1T-57-F	08261L1T57-F	TOL. IN INCH	UNIT : INCH [mm]	REV. : C	 COMPONENTS FOR A CONNECTED PLANET
DRAWN BY	DATE		FILE NAME	.X	SCALE : N/A	SIZE : A4	
XIAN JIAXIN	11-28-08		08261L1T57-F_C.DWG	.XX		PAGE : 6	
				.XXX	±0.004		