



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!



## Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China

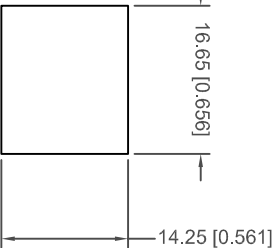
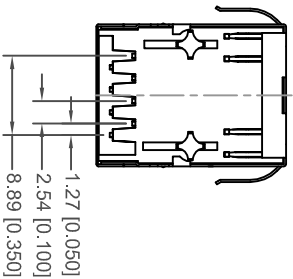
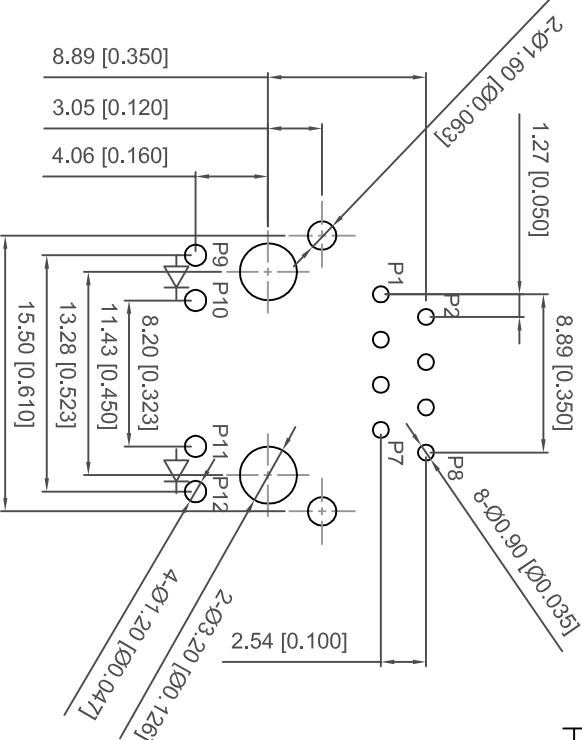
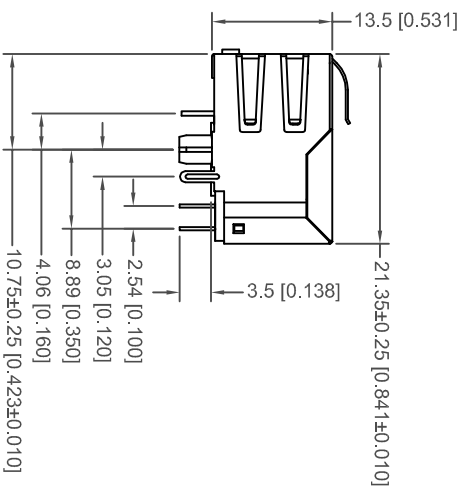
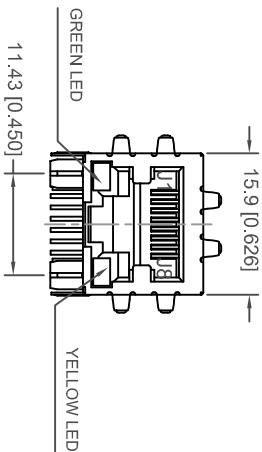


TOLERANCE UNLESS OTHERWISE SPECIFIED IN MM:  
 0.0  
 0.00  
 0.000  
 0.000

THIS IS A C.A.D. GENERATED DRAWING  
 DO NOT MAKE MANUAL REVISIONS TO MASTER.

ANGLE °

ISSUE NUMBER	1
ORIGINAL	1
UPDATE DRAWING	2
R.STA.MONICA	SEPT.23/2011



**RECOMMENDED  
 PANEL CUTOUT DIMENSION**

**RECOMMENDED P.C.B. LAYOUT  
 TOLERANCE: ±0.08[±0.003]**

- NOTES:  
 1. MATERIALS:  
 HOUSING: THERMOPLASTIC PBT, UL94 V-0, COLOR: BLACK  
 CONTACTS: COPPER ALLOY PLATED WITH GOLD PLATING AND TIN IN SOLDER AREA

PART NO	GOLD PLATING THICKNESS
A63-112-331P431	GOLD FLASH PLATING
A63-113-331P431	15 MICRO INCHES OF GOLD
A63-114-331P431	30 MICRO INCHES OF GOLD

- SHIELD: COPPER ALLOY WITH NICKEL PLATING  
 2. OPERATING TEMPERATURE: 0°C TO +70°C  
 3. STORAGE TEMPERATURE: -40°C TO +85°C  
 4. MATE WITH MODULAR PLUG CONFORMING TO FCC PART 68, SUBPART F.  
 5. RECOMMENDED TEMPERATURE FOR WAVE SOLDERING IS 260°C MAX, 10 SEC MAX  
 6. DIMENSION: MM [INCHES]

**RJ45 MAGNETIC JACK WITH LED, 8P, 8C  
 SHIELDED/10/100 Mbps FILTER**

ACAD REFERENCE NO.: A63-112-331P431

DRAWN: R.STA.MONICA DATE: NOV.19/2010

CHECKED: DATE:

PART NUMBER

SEE NOTE

SHEET 1 OF 2

DRAWING NUMBER

A63-112-331P431

ISSUE

2



THIS SERIES FULLY CONFORMS TO THE  
 EUROPEAN UNION DIRECTIVES 2002/95/EC  
 AND 2002/96/EC FOR ROHS COMPLIANCY.

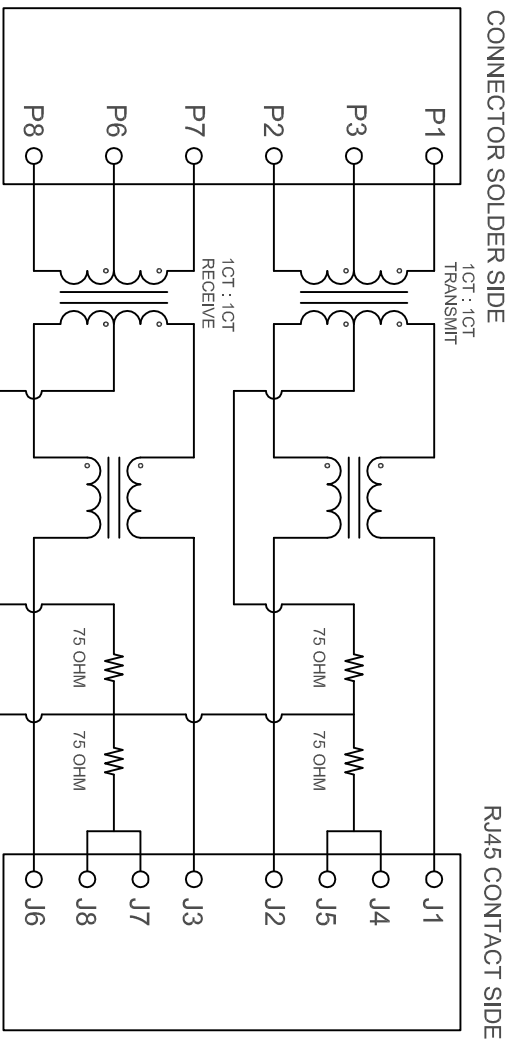


EDAC INC  
 TORONTO, ONTARIO  
 CANADA

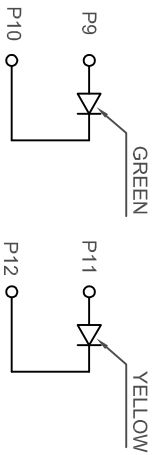
YOUR CONNECTION TO QUALITY & SERVICE

**ELECTRICAL CIRCUIT:**

THIS IS A C.A.D. GENERATED DRAWING  
DO NOT MAKE MANUAL REVISIONS TO MASTER.



**LED CIRCUIT:**



LED SPECIFICATIONS (WITH FORWARD CURRENT OF 20 mA)

STANDARD LED	WAVELENGTH	FORWARD V (MAX)	TYP
GREEN	565 nm	2.4 V	2.2 V
YELLOW	590 nm	2.5 V	2.1 V

**TEST NOTES:(25±5°C)**

- 1.T.R:(100KHz,0.1V):  
PINS:(P1-P2):(J1-J2)=1:1±3%  
PINS:(P7-P8):(J3-J6)=1:1±3%
- 2.LX:(100KHz,100mV,8mA, DC Bias)  
PINS: (P1,P2),(P7,P8)=350uH MINIMUM
- 3.DGR:  
PINS:(J1-J2),(J3-J6)= 1.2 OHMS MAXIMUM
- 4.HIPOT:  
PINS(P1,P2)TO(J1,J2)=1500VAC OR 2250VDC  
PINS(P7,P8)TO(J3,J6)=1500VAC OR 2250VDC
- 5.INSERTION LOSS:  
-1.2dB MAXIMUM AT 100KHz TO 100MHZ;
- 6.RETURN LOSS:  
-18dB MINIMUM AT 1MHz TO 30MHz;  
-(18-20log(f/30))dB MINIMUM AT 30MHz TO 60MHz  
-12dB MINIMUM AT 60MHz TO 80MHz
- 7.CROSS TALK:  
-35dB TYPICAL AT 1MHz TO 100MHz
- 8.COMMON TO COMMON MODE REJECTION:  
-30dB TYPICAL AT 30MHz TO 100MHz
9. LEAKAGE INDUCTANCE:  
PINS: P1-P2, WITH J1-J2 SHORTED=0.35 uH MAX @1MHz  
PINS: P7-P8, WITH J3-J6 SHORTED=0.35 uH MAX @1MHz
10. INTERWINDING CAPACITANCE:  
PINS:(P1-P2):(J1-J2)= 35 pF MAX @1MHz  
PINS:(P7-P8):(J3-J6)= 35 pF MAX @1MHz

**RJ45 MAGNETIC JACK WITH LED, 8P, 8C  
SHIELDED/10/100 Mbps FILTER**

ACAD REFERENCE NO.: A63-112-331P431

DRAWN: R.STA.MONICA DATE: NOV.19/2010

CHECKED: DATE:

PART NUMBER

SEE NOTE

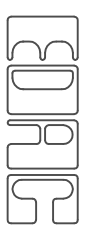
DRAWING NUMBER SHEET 2 OF 2

A63-112-331P431

ISSUE 2



THIS SERIES FULLY CONFORMS TO THE  
EUROPEAN UNION DIRECTIVES 2002/95/EC  
AND 2002/96/EC FOR ROHS COMPLIANCY.



EDAC INC  
TORONTO, ONTARIO  
CANADA  
YOUR CONNECTION TO QUALITY & SERVICE

THESE DRAWINGS AND SPECIFICATIONS  
ARE THE PROPERTY OF EDAC INC. AND  
SHALL NOT BE REPRODUCED OR COPIED  
OR USED AS THE BASIS FOR THE  
MANUFACTURE OR SALE OF APPARATUS  
WITHOUT WRITTEN PERMISSION.