



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

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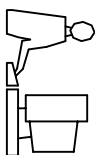
Email & Skype: info@chipsmall.com Web: www.chipsmall.com

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

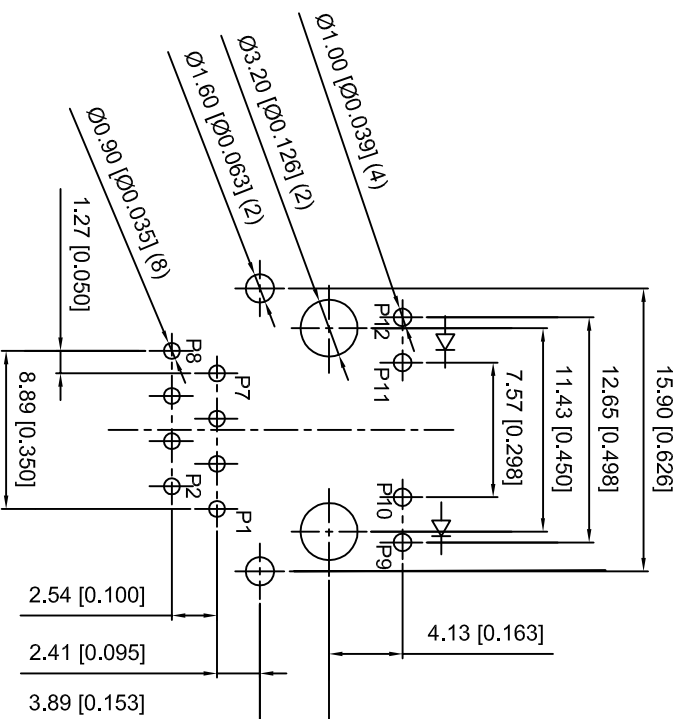
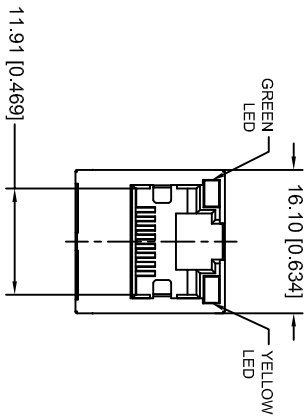
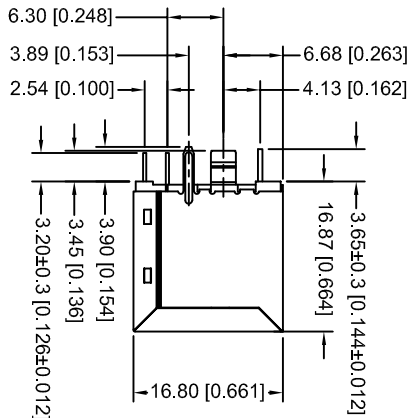
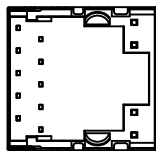


TOLERANCE UNLESS OTHERWISE SPECIFIED IN MM:	ANGLE
0	3°
± 0.50	
0.0	
0.00	
± 0.25	
0.000	
± 0.10	

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ISSUE NUMBER
ORIGINAL ①
UPDATE LED: GREEN-YELLOW WAS YELLOW-GREEN ②
R.STA.MONICA MAR.07/2016



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

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

PART NO	GOLD PLATING THICKNESS
A63-112-431P112	GOLD FLASH PLATING
A63-113-431P112	15 MICRO INCHES OF GOLD
A63-114-431P112	30 MICRO INCHES OF GOLD

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, VERTICAL, 8P, 8C
SHIELDED, 10/100Mbps FILTER**

ACAD REFERENCE NO.: A63-112-431P112

DRAWN: R.STA.MONICA DATE: JUN.27/2012

CHECKED: DATE:

PART NUMBER

SEE NOTE

SHEET 1 OF 2

DRAWING NUMBER

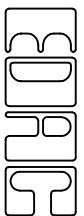
A63-112-431P112

ISSUE

2



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



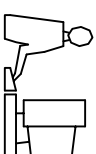
EDAC INC
TORONTO, ONTARIO
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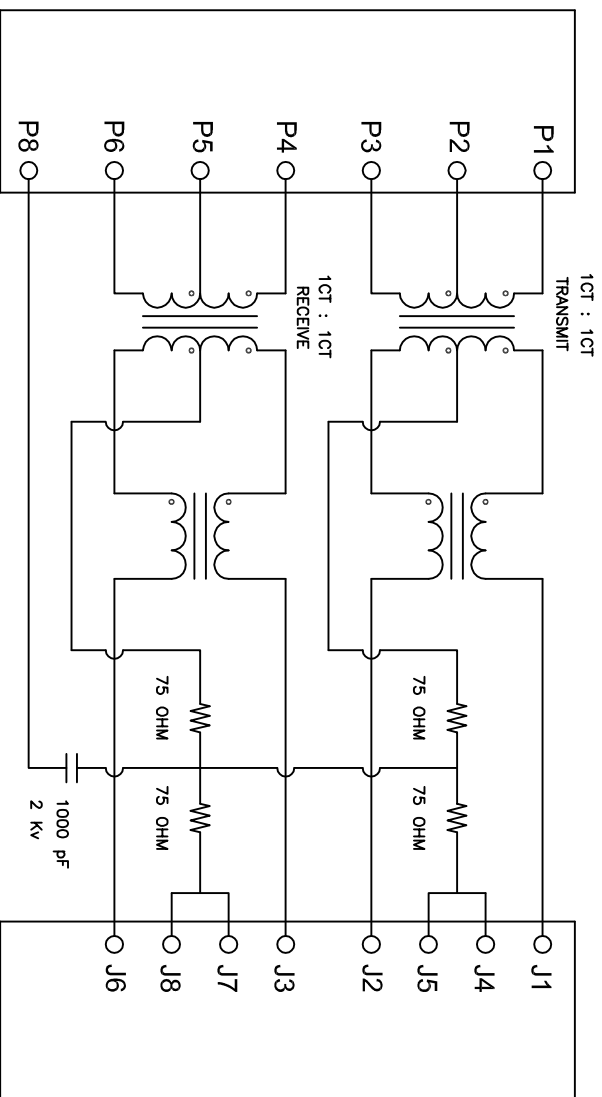
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ELECTRICAL CIRCUIT:

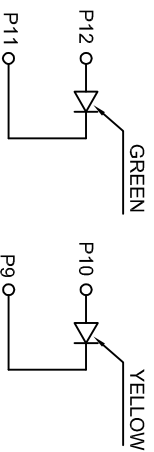
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CONNECTOR SOLDER SIDE



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.TR:(100KHz,0.1V):
PINS:(P1-P3):(J1-J2)=1:1±3%
PINS:(P4-P6):(J3-J6)=1:1±3%
- 2.LX:(100KHz,100mV,8mA, DC Bias)
PINS: (P1,P3),(P4,P6)=350uH MINIMUM
- 3.DC RESISTANCE:
PINS:(J1-J2),(J3-J6)= 1.2 OHMS MAXIMUM
- 4.HIPOT:
PINS(P1,P3)TO(J1,J2)=1500VAC
PINS(P4,P6)TO(J3,J6)=1500VAC
- 5.INSERTION LOSS: RS = RL = 100 OHM
-1.2dB MAXIMUM AT 100KHz TO 100MHz;
- 6.RETURN LOSS:
-18dB MINIMUM AT 1MHz TO 30MHz;
-12dB MINIMUM AT 30MHz TO 80MHz
- 7.CROSS TALK:
-35dB TYPICAL AT 1MHz TO 100MHz
- 8.COMMON TO COMMON MODE ATTENUATION:
-30dB TYPICAL AT 30MHz TO 100MHz
9. LEAKAGE INDUCTANCE:
PINS: P1-P3, WITH J1-J2 SHORTED=0.35 uH MAX @1MHz
PINS: P4-P6, WITH J3-J6 SHORTED=0.35 uH MAX @1MHz
10. INTERWINDING CAPACITANCE:
PINS:(P1-P3):(J1-J2)= 40 pF MAX @1MHz
PINS:(P4-P6):(J3-J6)= 40 pF MAX @1MHz

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

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SHEET 2 OF 2

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