



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!



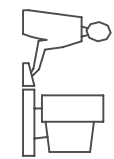
## Contact us

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

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

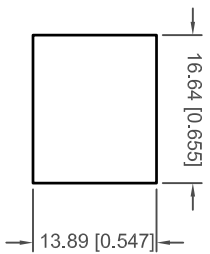
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



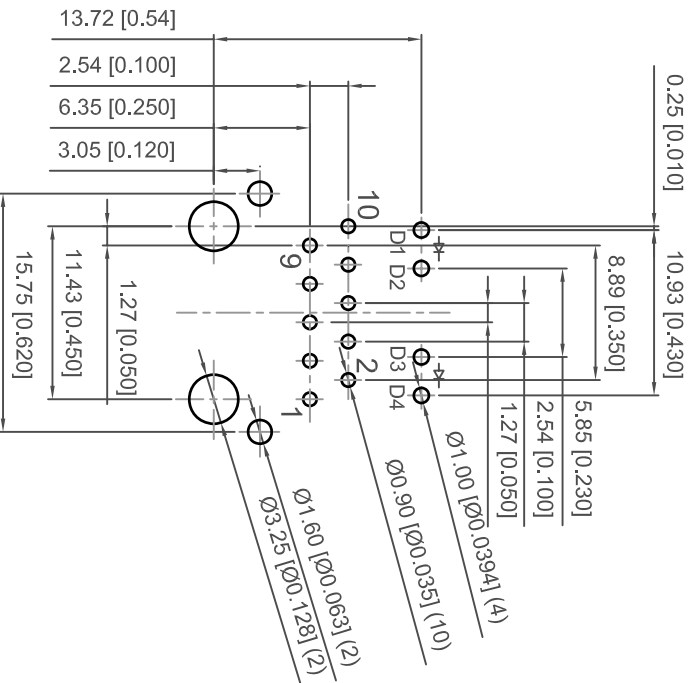
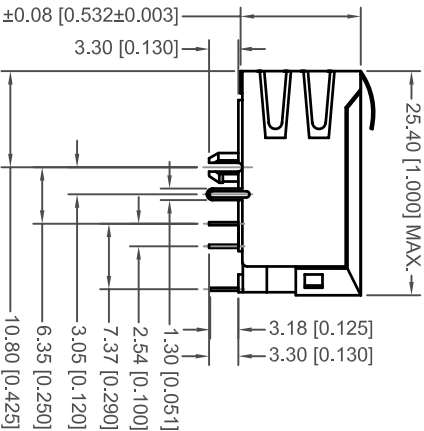
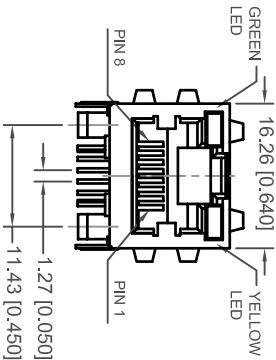
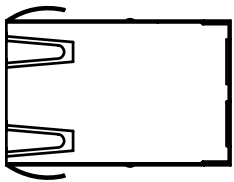


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TOLERANCE UNLESS OTHERWISE SPECIFIED IN MM:	ANGLE	3°
0	± 0.50	
0.0	± 0.38	
0.00	± 0.25	
0.000	± 0.10	



RECOMMENDED  
PANEL CUTOUT DIMENSION



RECOMMENDED P.C.B. LAYOUT  
TOLERANCE: ±0.05 [±0.002]

NOTES:  
1. MATERIALS:  
HOUSING: NYLON POLYESTER WITH GLASS FIBER, UL94 V-0, COLOR: BLACK  
CONTACTS: 0.35MM PHOSPHOR BRONZE PLATED WITH GOLD PLATING AND TIN IN SOLDER AREA

PART NO	GOLD PLATING THICKNESS
A60-112-231N432	GOLD FLASH PLATING
A60-113-231N432	15 MICRO INCHES OF GOLD
A60-114-231N432	30 MICRO INCHES OF GOLD

SHIELD: 0.20MM COPPER ALLOY WITH NICKEL PLATING  
2. OPERATING TEMPERATURE: 0°C TO +70°C  
3. MATE WITH MODULAR PLUG CONFORMING TO FCC PART 68, SUBPART F.  
4. DIMENSION: MM [INCHES]



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

RJ45 MAGNETIC JACK WITH LED, 10P, 8C  
SHIELDED, 10/100/1000 Mbps FILTER

ACAD REFERENCE NO.: A60-112-231N432

DRAWN: R.STA.MONICA DATE: JAN.24/2011

CHECKED: DATE:

PART NUMBER

SEE NOTE

SHEET 1 OF 2

DRAWING NUMBER

A60-112-231N432

ISSUE

1

EDAC INC  
TORONTO, ONTARIO  
CANADA

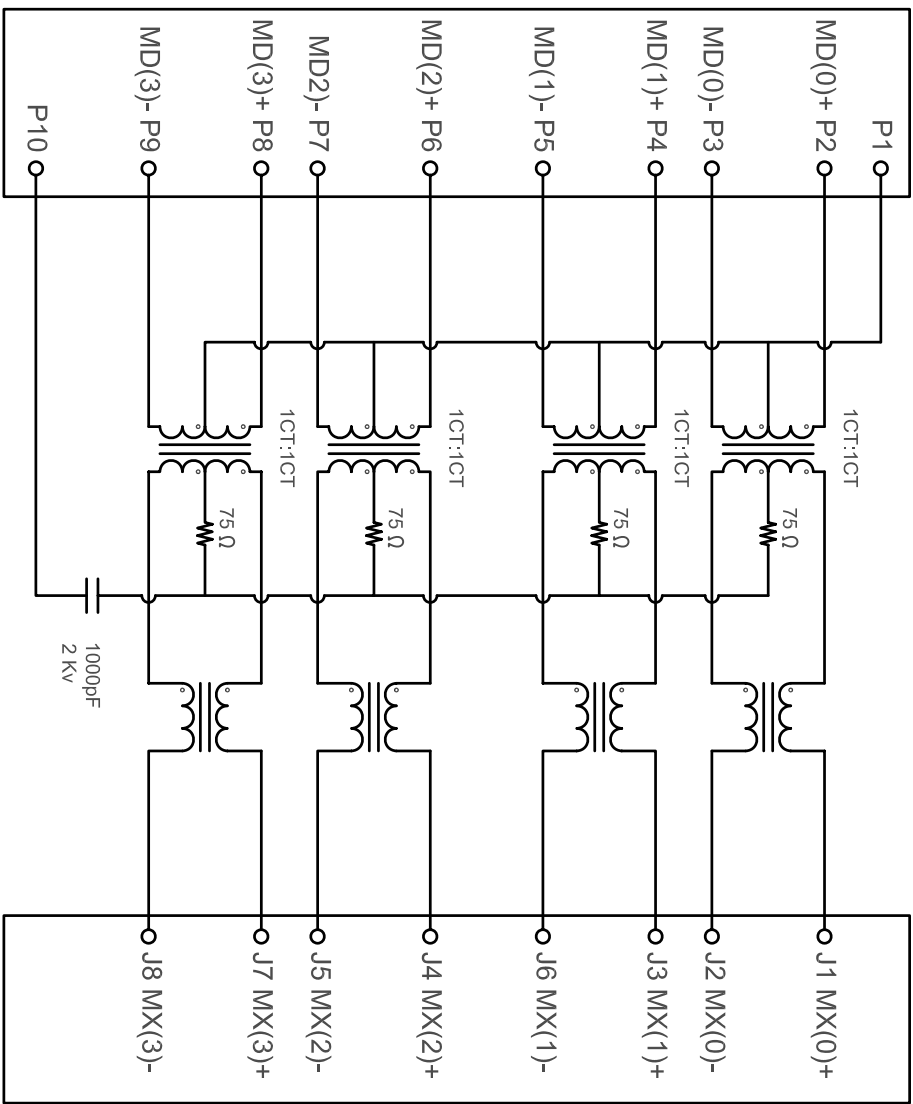
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**ELECTRICAL CIRCUIT:**

CONNECTOR SOLDER SIDE

RJ45 CONTACT SIDE



TOLERANCE UNLESS OTHERWISE SPECIFIED IN MM:

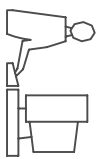
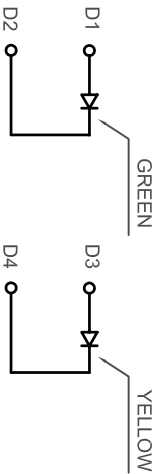
0	+0.50	ANGLE	3°
0.0	+0.38		
0.00	+0.25		
0.000	+0.10		

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**TEST NOTES:(25±5°C)**

1. TR:(100KHz,0.1V); 100%  
PINS:(P2,P3):(J1,J2)=1:1±3%;(P4,P5):(J3,J6)=1:1±3%  
PINS:(P6,P7):(J4,J5)=1:1±3%;(P8,P9):(J7,J8)=1:1±3%
2. LX:(100KHz,100mV,8mA, DC Bias) 100%  
PINS:(P2,P3),(P4,P5),(P6,P7),(P8,P9)=350uH MINIMUM
3. DCR: 100%  
PINS:(J1,J2),(J3,J6),(J4,J5),(J7,J8)=1.0Ω MAXIMUM
4. HIPOT: 100%  
PINS:(P2,P3)TO(J1,J2),(P4,P5)TO(J3,J6)=1500VAC FOR 2 SECONDS  
PINS:(P6,P7)TO(J4,J5),(P8,P9)TO(J7,J8)=1500VAC FOR 2 SECONDS
5. INSERTION LOSS:  
-1dB MAXIMUM AT 1MHZ TO 100MHZ;
6. RETURN LOSS:  
-18dB MINIMUM AT 1MHZ TO30MHZ;  
-16dB MINIMUM AT 30MHZ TO 60MHZ  
-12dB MINIMUM AT 60MHZ TO 80MHZ
7. CROSS TALK:  
-35dB MINIMUM AT 1MHZ TO 100MHZ
8. COMMON TO COMMON MODE REJECTION:  
-30dB MINIMUM AT 1MHZ TO 100MHZ

**LED CIRCUIT:**



ISSUE NUMBER  
ORIGINAL

1

**RJ45 MAGNETIC JACK WITH LED, 10P, 8C  
SHIELDED, 10/100/1000 Mbps FILTER**

ACAD REFERENCE NO.: A60-112-231N432

DRAWN: R.STA.MONICA DATE: JAN.24/2011

CHECKED: DATE:

PART NUMBER

SEE NOTE

SHEET 2 OF 2

DRAWING NUMBER

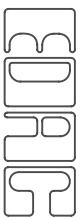
A60-112-231N432

ISSUE

1



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EDAC INC  
TORONTO, ONTARIO  
CANADA

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Color	Lens Color	Vf(v) @20mA		Iv(mcd) @10mA		Viewing angle
		Min	Max	Min	Typ	
Yellow	Yellow Diffused	1.7	2.8	3.0	6.0	116
Green	Green Diffused	1.7	2.8	3.5	6.0	116