



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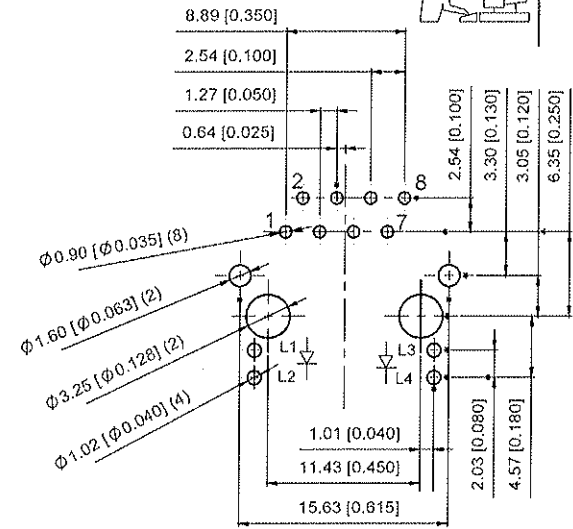
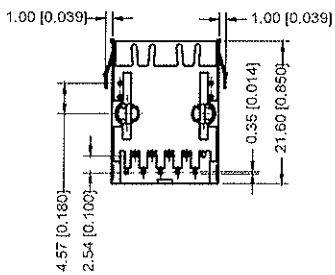
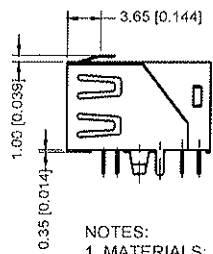
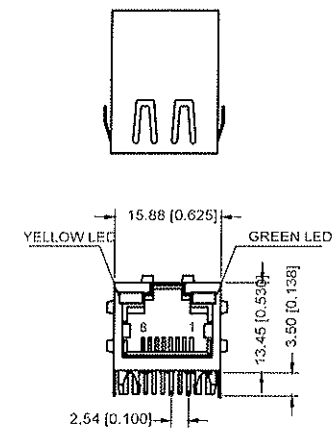
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



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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ISSUE NUMBER  
 ORIGINAL ①



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

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

PART NO	GOLD PLATING THICKNESS
A63-112-213N491	GOLD FLASH PLATING
A63-113-213N491	15 MICRO INCHES OF GOLD
A63-114-213N491	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]

<b>RJ45 MAGNETIC JACK WITH LED, 8P, 8C          SHIELDED/10/100 Mbps FILTER</b>		ACAD REFERENCE NO.: A63-112-213N491	
		DRAWN: R. STA. MONICA	DATE: NOV. 19/2010
		CHECKED:	DATE:
		PART NUMBER	
		SEE NOTE	
		DRAWING NUMBER	ISSUE
		A63-112-213N491	
		SHEET 1 OF 2	
		1	



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

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 CANADA  
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ELECTRICAL CIRCUIT:

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ORIGINAL ①

TEST NOTES:(25±5°C)

1.TR:(100KHz,0.1V);

PINS:(P5-P6):(J1-J2)=1:1±3%

PINS:(P1-P2):(J3-J6)=1:1±3%

2.LX:(100KHz,100mV,8mA, DC Bias)

PINS:(P5,P6),(P1,P2)=350uH MINIMUM

3.DCR:

PINS:(J1-J2),(J3-J6)= 1.2 OHMS MAXIMUM

4.HIPOT:

PINS(P5,P4,P6)TO(J1,J2)=1500VAC FOR 2 SECONDS

PINS(P1,P3,P2)TO(J3,J6)=1500VAC FOR 2 SECONDS

5.INSERTION LOSS:

-1.0dB MAXIMUM AT 1MHz TO 100MHz;

6.RETURN LOSS:

-20dB MINIMUM AT 1MHz TO 30MHz;

-15dB MINIMUM AT 30MHz TO 60MHz

-10dB MINIMUM AT 60MHz TO 80MHz

7.CROSS TALK:

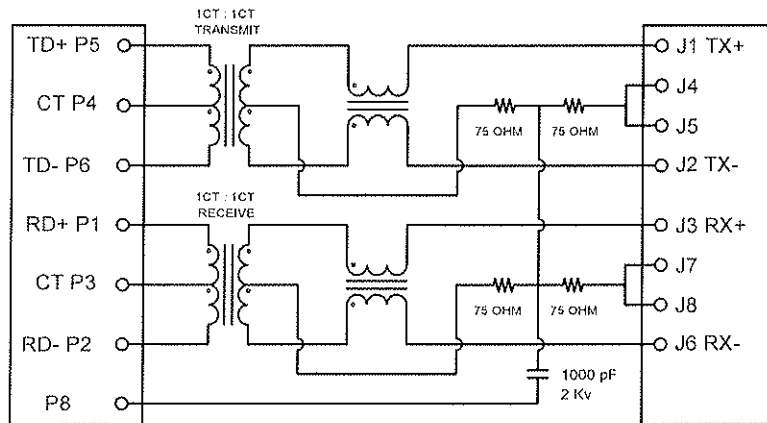
-30dB MINIMUM AT 1MHz TO 100MHz

8.COMMON TO COMMON MODE REJECTION:

-30dB MINIMUM AT 1MHz TO 100MHz

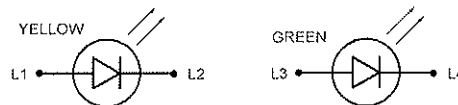
CONNECTOR SOLDER SIDE

RJ45 CONTACT SIDE



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	2θ 1/2 116
Green	Green Diffused	1.7	2.8	3.5	6.0	116

LED CIRCUIT:



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

ACAD REFERENCE NO.: A63-112-213N491

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

CHECKED: DATE:

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1



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