



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

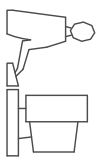
Email & Skype: info@chipsmall.com Web: www.chipsmall.com

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

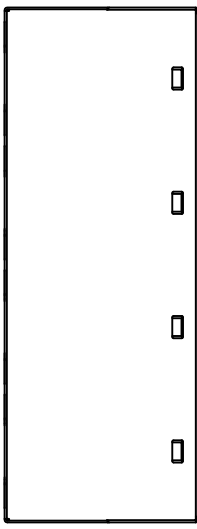


| TOLERANCE UNLESS OTHERWISE SPECIFIED IN MM: | ANGLE  | 3° |
|---|--------|----|
| 0   | ± 0.50 |    |
| 0.0   | ± 0.38 |    |
| 0.00  | ± 0.25 |    |
| 0.000                                       | ± 0.10 |    |

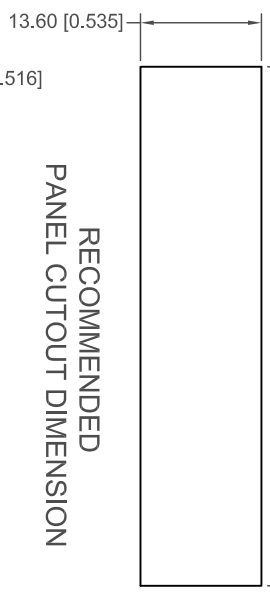
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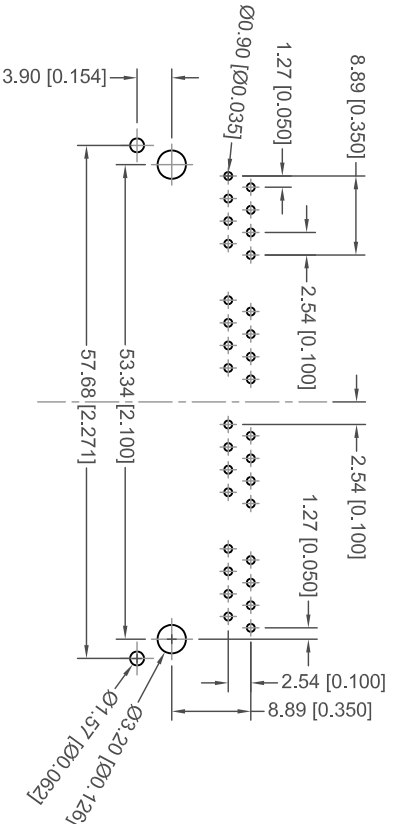
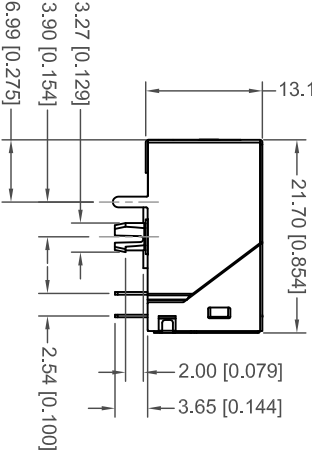
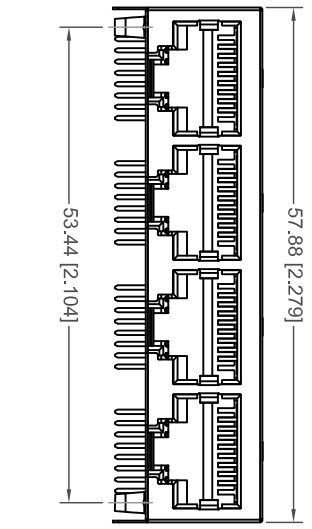
ISSUE NUMBER  
ORIGINAL  
①



58.36 [2.298]



RECOMMENDED  
PANEL CUTOUT DIMENSION

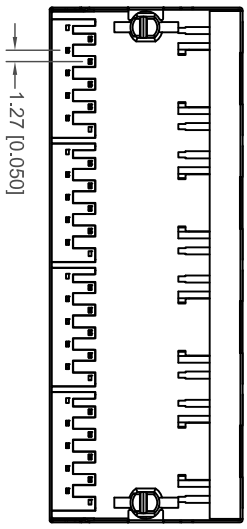


RECOMMENDED P.C.B. LAYOUT  
TOLERANCE: ±0.05[±0.002]

- NOTES:
1. MATERIALS:
  - HOUSING: NYLON PA46 WITH GLASS FIBER, UL94 V-0, COLOR: BLACK
  - CONTACTS: 0.35MM PHOSPHOR BRONZE PLATED WITH GOLD PLATING AND TIN IN SOLDER AREA
  - OVER 50u" NICKEL PLATING ALL OVER

| PART NO         | GOLD PLATING THICKNESS  |
|-----------------|-------------------------|
| A63-142-300N161 | GOLD FLASH PLATING      |
| A63-143-300N161 | 15 MICRO INCHES OF GOLD |
| A63-144-300N161 | 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]



4 PORT, RJ45 MAGNETIC JACK WITHOUT LED, 8P8C  
SHIELDED/10/100 Mbps FILTER

ACAD REFERENCE NO.: A63-143-300N161

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

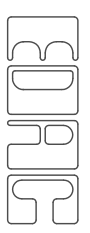
CHECKED: DATE:

PART NUMBER SEE NOTE SHEET 1 OF 2

DRAWING NUMBER A63-142-300N161 ISSUE 1



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



EDAC INC  
TORONTO, ONTARIO  
CANADA

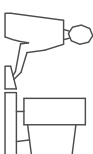
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ELECTRICAL CIRCUIT:

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

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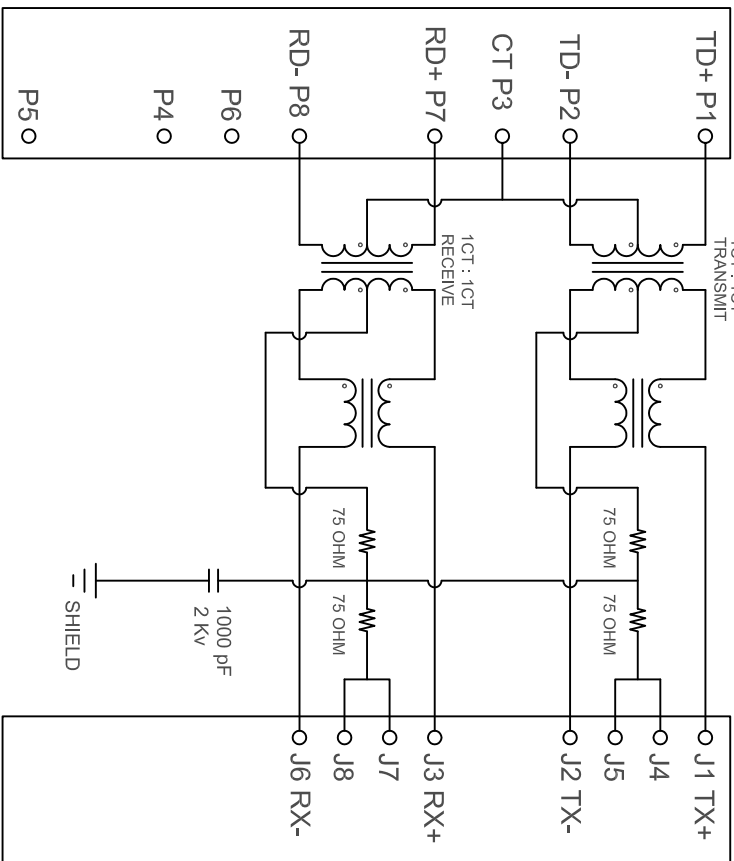


ISSUE NUMBER  
ORIGINAL

1

CONNECTOR SOLDER SIDE

RJ45 CONTACT SIDE



TEST NOTES:(25±5°C)

- 1.TR:(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)=350ΩH MINIMUM
- 3.DCR:  
PINS:(J1-J2),(J3-J6)= 1.2 OHMS MAXIMUM
- 4.HPOT:  
PINS(P1,P3,P2)TO(J1,J2)=1500VAC FOR 2 SECONDS  
PINS(P7,P3,P8)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

4 PORT, RJ45 MAGNETIC JACK WITHOUT LED, 8P8C  
SHIELDED/10/100 Mbps FILTER

ACAD REFERENCE NO.: A63-143-300N161

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

CHECKED: DATE:

PART NUMBER

SEE NOTE

SHEET 2 OF 2

DRAWING NUMBER

A63-142-300N161

ISSUE

1



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AND 2002/96/EC FOR ROHS COMPLIANCY.



EDAC INC  
TORONTO, ONTARIO  
CANADA

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