

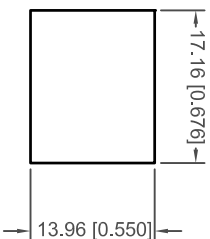
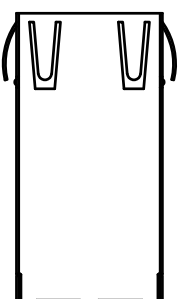
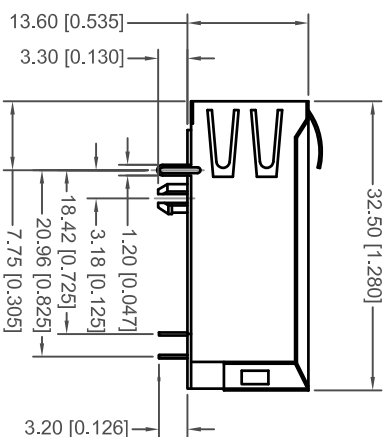
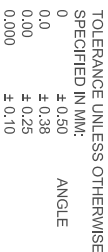
TOLERANCE UNLESS OTHERWISE SPECIFIED IN MM:

0.0	± 0.38
0.00	± 0.25
0.000	± 0.10

ANGLE 3°

3

DO NOT MAKE MANUAL REVISIONS TO MASTER



RECOMMENDED P.C.B. LAYOUT

TOLERANCE: ± 0.05 [± 0.002]

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

-112-200P471

GOLD PLATING THICKNESS GOLD FLASH PLATING

A60-113-200P471

A60-114-200P471

15 MICRO INCHES OF GOLD
30 MICRO INCHES OF GOLD

SHIELD: 0.25MM 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]

RJ45 MAGNETIC JACK WITHOUT LED, 12P, 8C
SHIELDED, 10/100/1000 Mbps FILTER

ACAD REFERENCE NO.: A60-113-200P471

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

CHECKED: _____ DATE: _____

PART NUMBER

SEE NOTE

SHEET 1 OF 2

DRAWING NUMBER

ISSUE

A60-112-200P471

→



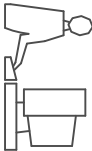
EDAC INC
TORONTO, ONTARIO
CANADA

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ELECTRICAL CIRCUIT:

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

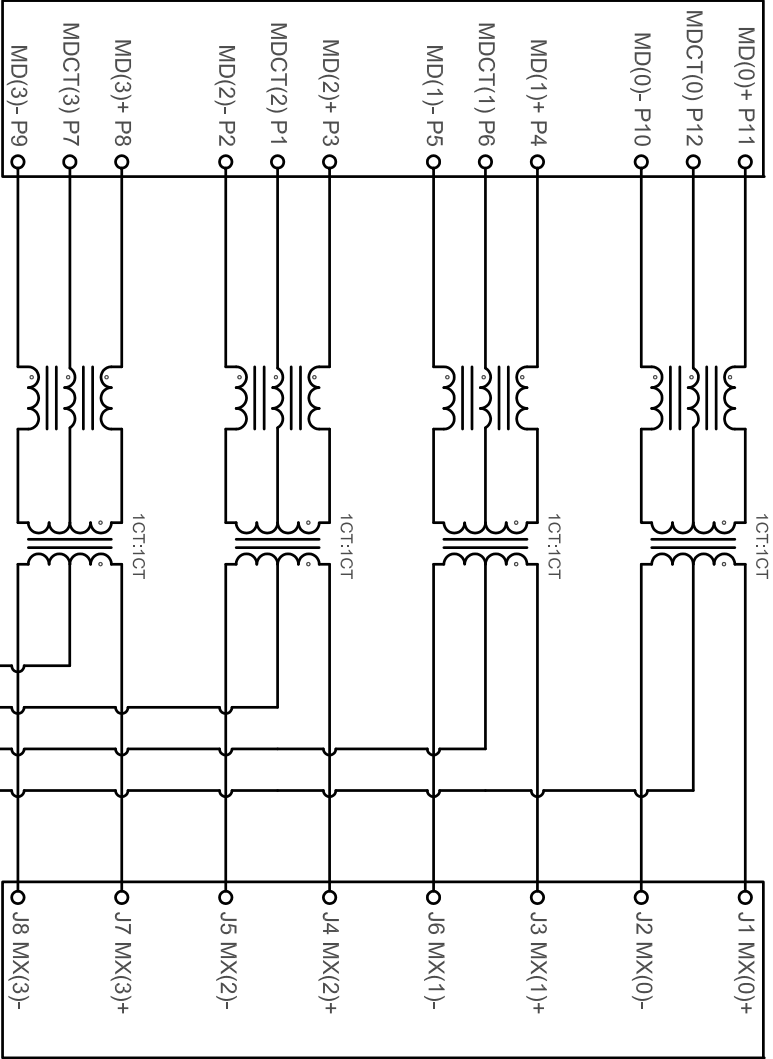
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ISSUE NUMBER	
ORIGINAL	①

CONNECTOR SOLDER SIDE

RJ45 CONTACT SIDE



TEST NOTES:(25±5°C)

1. TR:(100KHz,0.1V): 100%
PINS:(P8,P9):(J7,J8)=1:1±3%;(P3,P2):(J4,J5)=1:1±3%
PINS:(P4,P5):(J3,J6)=1:1±3%;(P11,P10):(J1,J2)=1:1±3%
2. LX:(100KHz,100mV,8mA, DC Bias) 100%
PINS:(P8,P9),(P3,P2),(P4,P5),(P11,P10)=350uH MINIMUM
3. DCR: 100%
PINS:(P8,P9),(P3,P2),(P4,P5),(P11,P10)=1.0Ω MAXIMUM
PINS:(J1,J2),(J3,J6),(J4,J5),(J7,J8)=1.0Ω MAXIMUM
4. HIPOT: 100%
PINS:(P8,P9)TO(J7,J8),(P3,P2)TO(J4,J5)=1500VAC FOR 2 SECONDS
PINS(P4,P5)TO(J3,J6),(P11,P10)TO(J1,J2)=1500VAC FOR 2 SECONDS
5. INSERTION LOSS:
-1dB 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:
-30)dB MINIMUM AT 1MHz TO 100MHz
9. COMMON TO COMMON MODE REJECTION:
-30dB MINIMUM AT 300KHz TO 100MHz

RJ45 MAGNETIC JACK WITHOUT LED, 12P, 8C
SHIELDED, 10/100/1000 Mbps FILTER

ACAD REFERENCE NO.: A60-113-200P471

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

CHECKED: DATE:

PART NUMBER

SEE NOTE

SHEET 2 OF 2

DRAWING NUMBER

A60-112-200P471

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

YOUR CONNECTION TO QUALITY & SERVICE

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