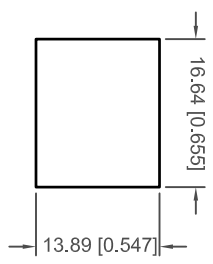
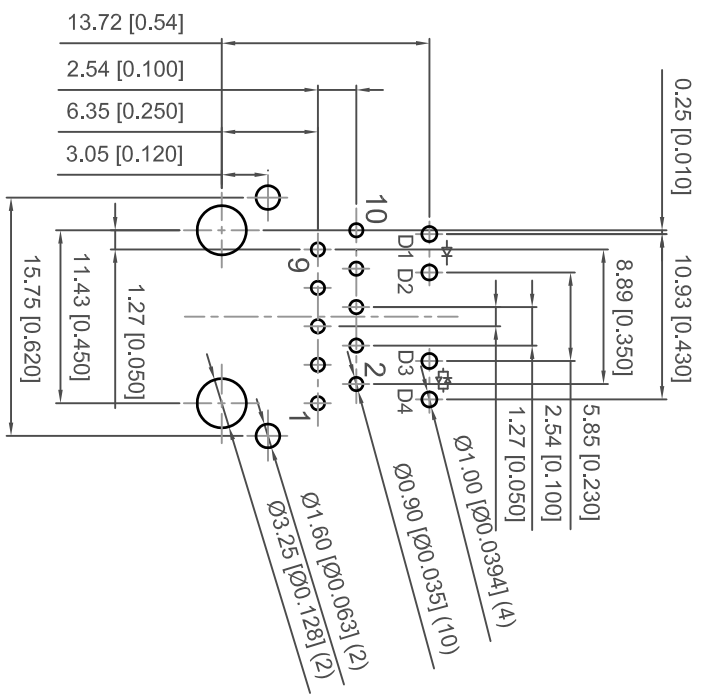
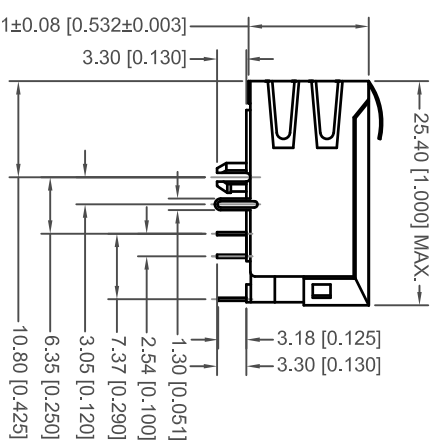
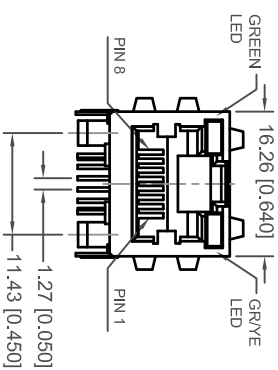
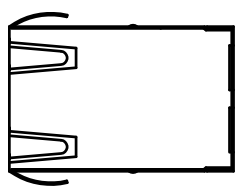


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TOLERANCE UNLESS OTHERWISE SPECIFIED IN MM:	ANGLE	3°
0	± 0.50	
0.0	± 0.38	
0.00	± 0.25	
0.000	± 0.10	



RECOMMENDED  
PANEL CUTOFF 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
A60-112-235N414	GOLD FLASH PLATING
A60-113-235N414	15 MICRO INCHES OF GOLD
A60-114-235N414	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]



THIS SERIES FULLY CONFORMS TO THE  
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AND 2002/96/EC FOR RoHS COMPLIANCY.

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

**EDAC INC**  
TORONTO, ONTARIO  
CANADA  
YOUR CONNECTION TO QUALITY & SERVICE

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ACAD REFERENCE NO.: A60-113-235N414

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

CHECKED: DATE:

PART NUMBER SHEET 1 OF 2

SEE NOTE

DRAWING NUMBER ISSUE

A60-112-235N414 1

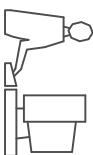
**ELECTRICAL CIRCUIT:**

CONNECTOR SOLDER SIDE

RJ45 CONTACT SIDE

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

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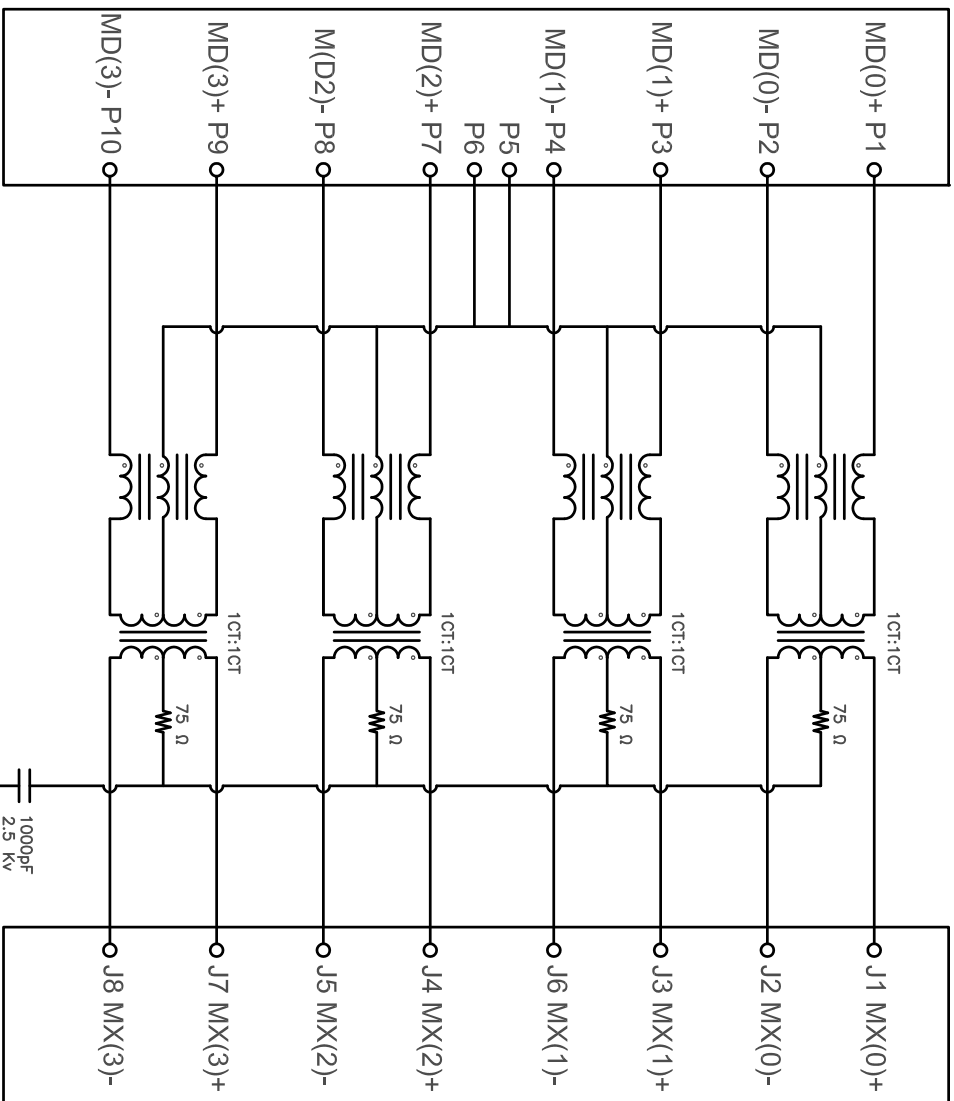


ISSUE NUMBER  
ORIGINAL

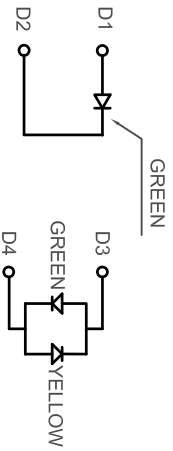
1

**TEST NOTES:(25±5°C)**

1. TR:(100KHz,0.1V); 100%  
PINS:(P1,P2):(J1,J2)=1:1±3%;(P3,P4):(J3,J6)=1:1±3%  
PINS:(P7,P8):(J4,J5)=1:1±3%;(P9,P10):(J7,J8)=1:1±3%
2. LX:(100KHz,100mV,8mA, DC Bias) 100%  
PINS:(P1,P2),(P3,P4),(P7,P8),(P9,P10)=350uH MINIMUM
3. DCR: 100%  
PINS:(P1,P2),(P3,P4),(P7,P8),(P9,P10)= 1.0 MAXIMUM  
PINS:(J1,J2),(J3,J6),(J4,J5),(J7,J8)=1.0 MAXIMUM
4. HIPOT: 100%  
PINS:(P1,P2)TO(J1,J2),(P3,P4)TO(J3,J6)=1500VAC FOR 2 SECONDS  
PINS:(P7,P8)TO(J4,J5),(P9,P10)TO(J7,J8)=1500VAC FOR 2 SECONDS
5. INSERTION LOSS:  
-1dB MAXIMUM AT 1MHZ TO 100MHZ;
6. RETURN LOSS:  
-20dB MINIMUM AT 1MHZ TO30MHZ;  
-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



**LED CIRCUIT:**



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

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

ACAD REFERENCE NO.: A60-113-235N414

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

CHECKED: DATE:

PART NUMBER

SEE NOTE

DRAWING NUMBER

A60-112-235N414

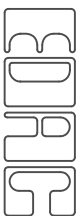
SHEET 2 OF 2

ISSUE

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