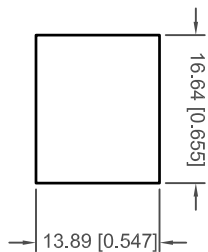
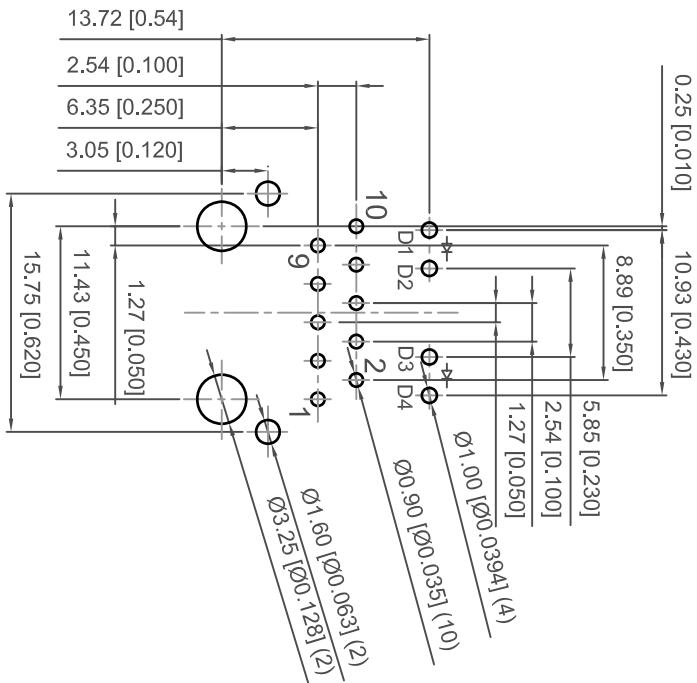
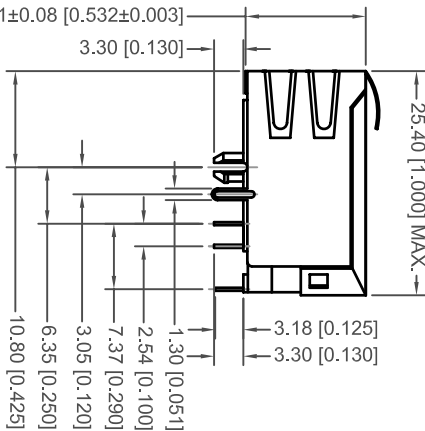
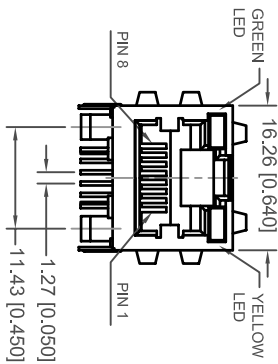
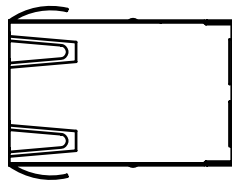


THIS IS A C.A.D. GENERATED DRAWING  
DO NOT MAKE MANUAL REVISIONS TO MASTER.

TOLERANCE UNLESS OTHERWISE SPECIFIED IN MM:	ANGLE
0	3°
0.0	
0.00	
0.000	



RECOMMENDED  
PANEL CUTOUT DIMENSION



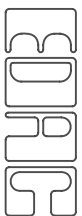
RECOMMENDED P.C.B. LAYOUT  
TOLERANCE: ±0.05[±0.002]

- NOTES:
- 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
- OPERATING TEMPERATURE: 0°C TO +70°C
  - MATE WITH MODULAR PLUG CONFORMING TO FCC PART 68, SUBPART F.
  - DIMENSION: MM [INCHES]



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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

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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

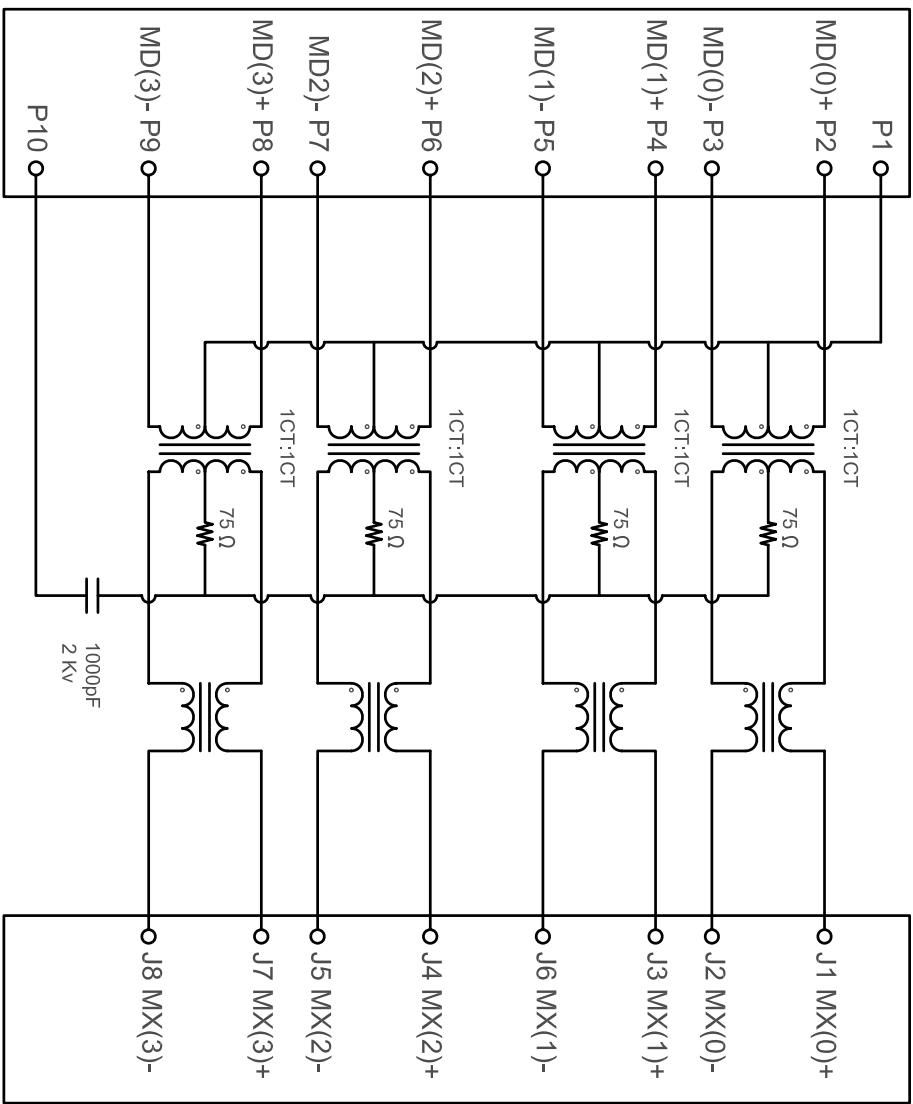
A60-112-231N432

ISSUE

1

**ELECTRICAL CIRCUIT:**

CONNECTOR SOLDER SIDE



RJ45 CONTACT SIDE

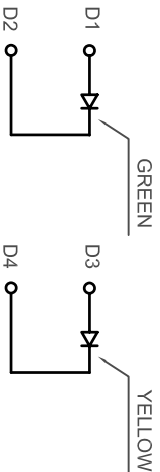
TOLERANCE UNLESS OTHERWISE SPECIFIED IN MM:	ANGLE	3°
0	± 0.50	
0.0	± 0.38	
0.00	± 0.25	
0.000	± 0.10	

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**TEST NOTES:(25±5°C)**

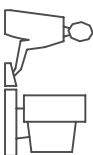
1. TR:(100KHz,0.1V); 100%  
PINS:(P2,P3):(J1,J2)=1:1±3%;(P4,P5):(J3,J6)=1:1±3%  
PINS:(P6,P7):(J4,J5)=1:1±3%;(P8,P9):(J7,J8)=1:1±3%
2. LX:(100KHz,100mV,8mA, DC Bias) 100%  
PINS:(P2,P3),(P4,P5),(P6,P7),(P8,P9)=350uH MINIMUM
3. DCR: 100%  
PINS:(J1,J2),(J3,J6),(J4,J5),(J7,J8)=1.0Ω MAXIMUM
4. HIPOT: 100%  
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



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

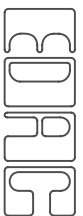
A60-112-231N432

ISSUE

1



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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