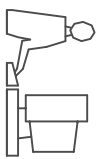
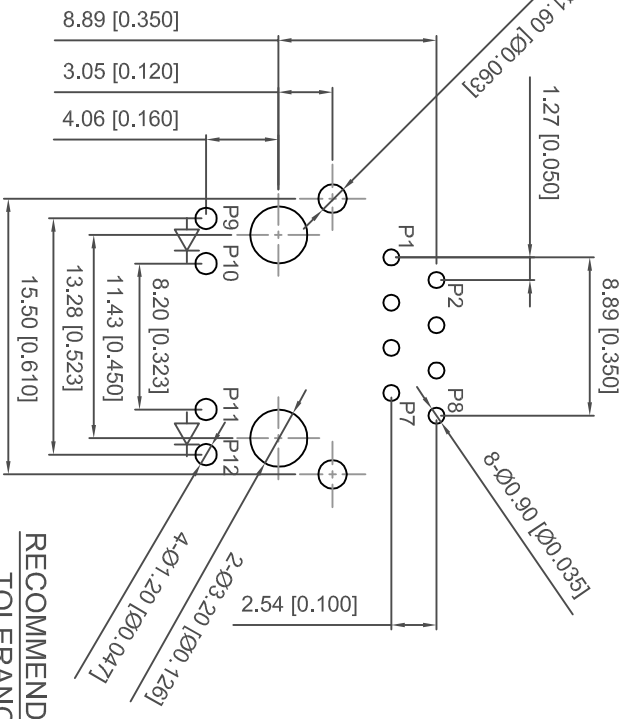
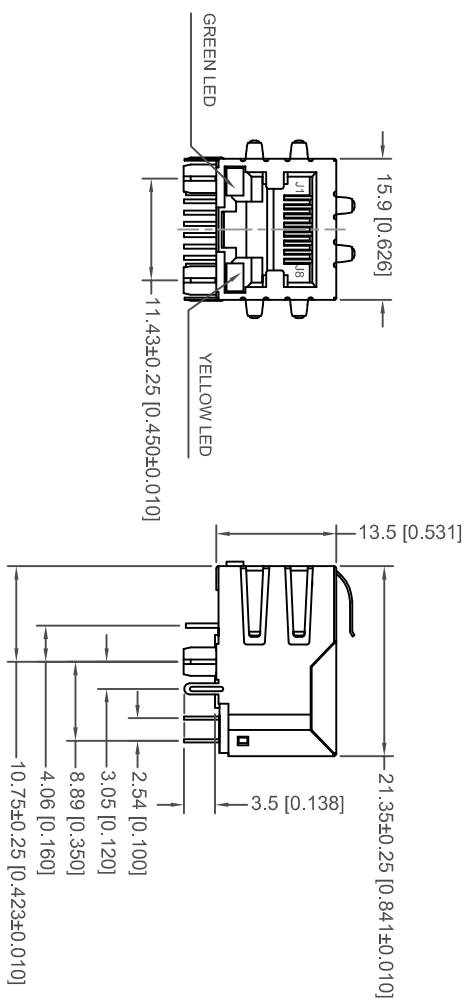


TOLERANCE UNLESS OTHERWISE SPECIFIED IN MM:  
 0 ± 0.38 ANGLE °  
 0.0 ± 0.25  
 0.00 ± 0.10

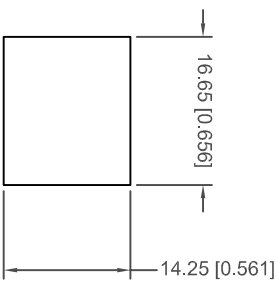
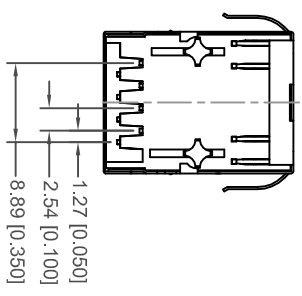
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ISSUE NUMBER  
 ORIGINAL  
 1



RECOMMENDED P.C.B. LAYOUT  
 TOLERANCE: ±0.08[±0.003]



RECOMMENDED  
 PANEL CUTOUT DIMENSION

NOTES:  
 1. MATERIALS:  
 HOUSING: THERMOPLASTIC, UL 94V-0, COLOR: BLACK  
 SHIELD: COPPER ALLOY WITH NICKEL PLATING  
 CONTACTS: COPPER ALLOY PLATED WITH GOLD PLATING AND TIN IN SOLDER AREA

PART NO	GOLD PLATING THICKNESS
A63-112-331P422	GOLD FLASH PLATING
A63-113-331P422	15 MICRO INCHES OF GOLD
A63-114-331P422	30 MICRO INCHES OF GOLD
A63-115-331P422	50 MICRO INCHES OF GOLD

- OPERATING TEMPERATURE: 0°C TO +70°C
- STORAGE TEMPERATURE: -40°C TO +85°C
- MATE WITH MODULAR PLUG CONFORMING TO FCC PART 68, SUBPART F.
- RECOMMENDED TEMPERATURE FOR WAVE SOLDERING IS 260°C MAX, 10 SEC MAX
- DIMENSION: MM [INCHES]

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

ACAD REFERENCE NO.: A63-113-331P422

DRAWN: R.STA.MONICA DATE: OCT. 18/2011

CHECKED: DATE:

PART NUMBER

SEE NOTE SHEET 1 OF 2

DRAWING NUMBER

**A63-112-331P422**

ISSUE  
 1



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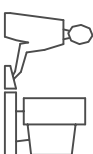
EDAC INC  
 TORONTO, ONTARIO  
 CANADA

YOUR CONNECTION TO QUALITY & SERVICE

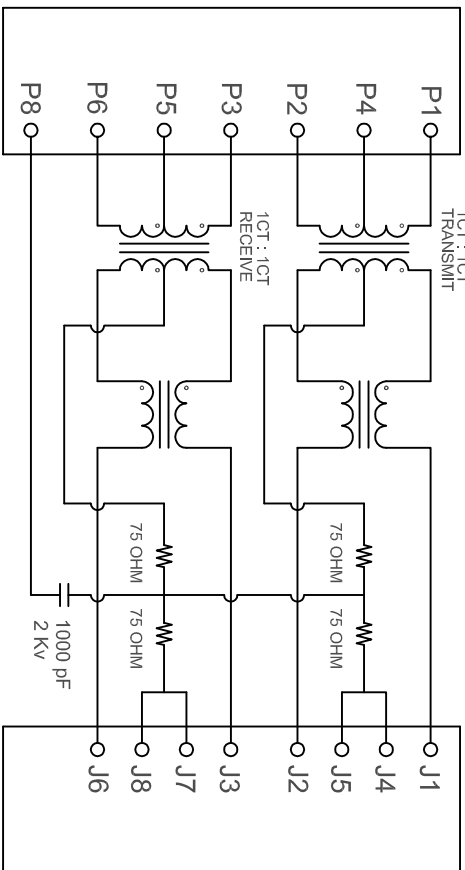
**ELECTRICAL CIRCUIT:**

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

THIS IS A C.A.D. GENERATED DRAWING  
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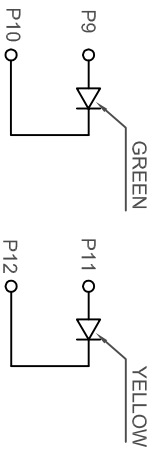


CONNECTOR SOLDER SIDE



RJ45 CONTACT SIDE

**LED CIRCUIT:**



LED SPECIFICATIONS (WITH FORWARD CURRENT OF 20 mA)			
STANDARD LED	WAVELENGTH	FORWARD V (MAX)	TYP
GREEN	565 nm	2.4 V	2.2 V
YELLOW	590 nm	2.5 V	2.1 V

- TEST NOTES:(25±5°C)
- 1.TR:(100KHz,0.1V);  
PINS:(P1-P2):(J1-J2)=1:1±3%  
PINS:(P3-P6):(J3-J6)=1:1±3%
  - 2.LX:(100KHz,100mV,8mA, DC Bias)  
PINS: (P1,P2),(P3,P6)=350uH MINIMUM
  - 3.DC RESISTANCE:  
PINS:(J1-J2),(J3-J6)= 1.2 OHMS MAXIMUM
  - 4.HIPOT:  
PINS(P1,P2)TO(J1,J2)=1500VAC OR 2250VDC  
PINS(P3,P6)TO(J3,J6)=1500VAC OR 2250VDC
  - 5.INSERTION LOSS:  
-1.2dB MAXIMUM AT 100KHz TO 100MHz;
  - 6.RETURN LOSS:  
-18dB MINIMUM AT 1MHz TO 30MHz;  
-(18-20log(f/30))dB MINIMUM AT 30MHz TO 60MHz  
-12dB MINIMUM AT 60MHz TO 80MHz
  - 7.CROSS TALK:  
-35dB TYPICAL AT 1MHz TO 100MHz
  - 8.COMMON TO COMMON MODE ATTENUATION:  
-30dB TYPICAL AT 30MHz TO 100MHz
  9. LEAKAGE INDUCTANCE:  
PINS: P1-P2, WITH J1-J2 SHORTED=0.35 uH MAX @1MHz  
PINS: P3-P6, WITH J3-J6 SHORTED=0.35 uH MAX @1MHz
  10. INTERWINDING CAPACITANCE:  
PINS:(P1-P2):(J1-J2)= 35 pF MAX @1MHz  
PINS:(P3-P6):(J3-J6)= 35 pF MAX @1MHz

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

**EDAC INC**  
TORONTO, ONTARIO  
CANADA

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DRAWN: R.STA.MONICA	DATE:	OCT. 18/2011
CHECKED:	DATE:	
PART NUMBER	SEE NOTE	SHEET 2 OF 2
DRAWING NUMBER	A63-112-331P422	ISSUE
		1



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