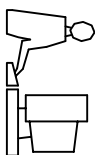
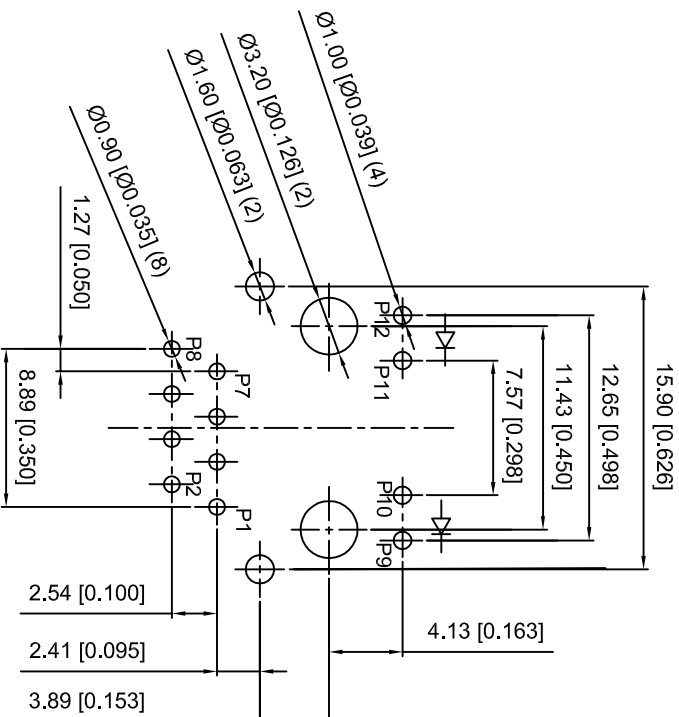
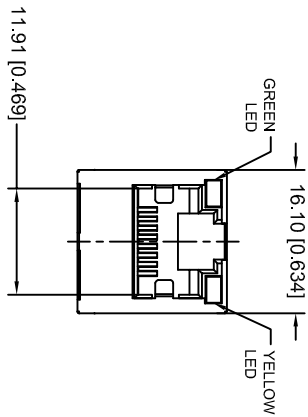
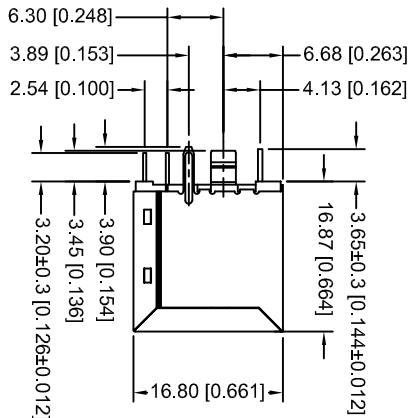
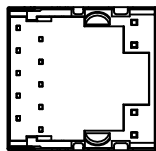


TOLERANCE UNLESS OTHERWISE SPECIFIED IN MM:	ANGLE
0	3°
± 0.50	
0.0	
0.00	
± 0.25	
0.000	
± 0.10	

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



ISSUE NUMBER
ORIGINAL ①
UPDATE LED: GREEN-YELLOW WAS YELLOW-GREEN ②
R.STA.MONICA MAR.07/2016



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

- NOTES:
1. MATERIALS:  
HOUSING: THERMOPLASTIC, UL94 V-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
A63-112-431P112	GOLD FLASH PLATING
A63-113-431P112	15 MICRO INCHES OF GOLD
A63-114-431P112	30 MICRO INCHES OF GOLD

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

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

ACAD REFERENCE NO.: A63-112-431P112

DRAWN: R.STA.MONICA DATE: JUN.27/2012

CHECKED: DATE:

PART NUMBER

SEE NOTE

SHEET 1 OF 2

DRAWING NUMBER

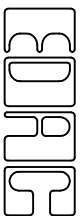
A63-112-431P112

ISSUE

2



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



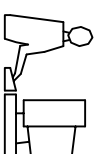
EDAC INC  
TORONTO, ONTARIO  
CANADA

YOUR CONNECTION TO QUALITY & SERVICE

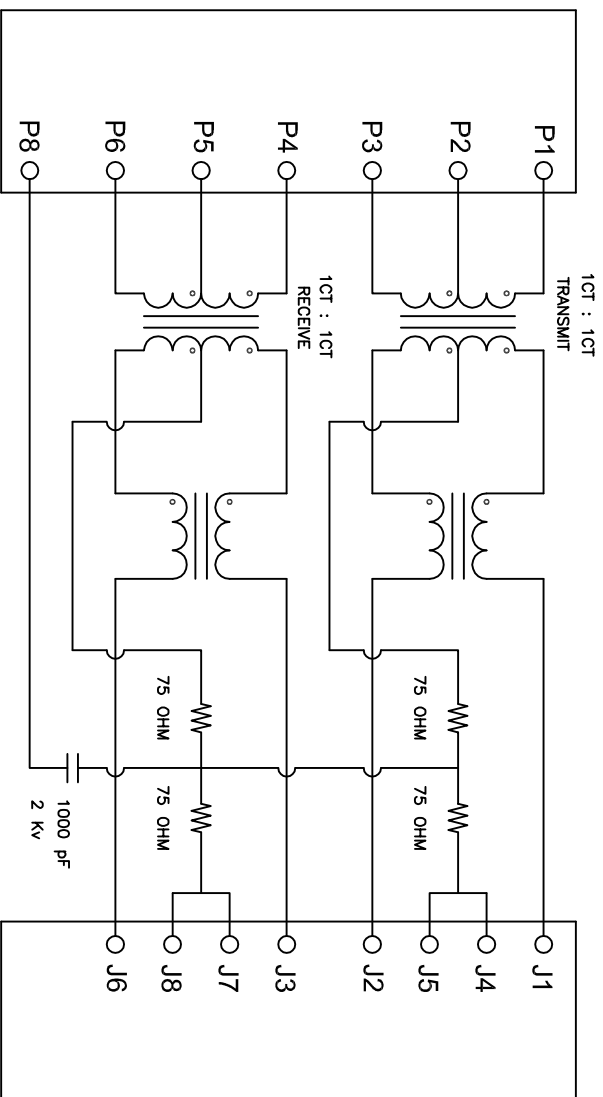
THESE DRAWINGS AND SPECIFICATIONS  
ARE THE PROPERTY OF EDAC INC. AND  
SHALL NOT BE REPRODUCED OR COPIED  
OR USED AS THE BASIS FOR THE  
MANUFACTURE OR SALE OF APPARATUS  
WITHOUT WRITTEN PERMISSION.

ELECTRICAL CIRCUIT:

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



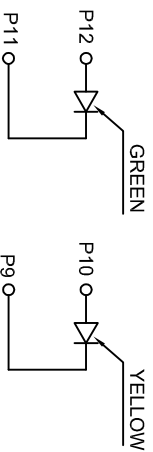
CONNECTOR SOLDER SIDE



TEST NOTES:(25±5°C)

1. TR:(100KHz,0.1V):  
PINS:(P1-P3):(J1-J2)=1:1±3%  
PINS:(P4-P6):(J3-J6)=1:1±3%
2. LX:(100KHz, 100mV,8mA, DC Bias)  
PINS: (P1,P3),(P4,P6)=350uH MINIMUM
3. DC RESISTANCE:  
PINS:(J1-J2),(J3-J6)= 1.2 OHMS MAXIMUM
4. HIPOT:  
PINS:(P1,P3)TO(J1,J2)=1500VAC  
PINS:(P4,P6)TO(J3,J6)=1500VAC
5. INSERTION LOSS: RS = RL = 100 OHM  
-1.2dB MAXIMUM AT 100KHz TO 100MHz;
6. RETURN LOSS:  
-18dB MINIMUM AT 1MHz TO 30MHz;  
-12dB MINIMUM AT 30MHz 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-P3, WITH J1-J2 SHORTED=0.35 uH MAX @1MHz  
PINS: P4-P6, WITH J3-J6 SHORTED=0.35 uH MAX @1MHz
10. INTERWINDING CAPACITANCE:  
PINS:(P1-P3):(J1-J2)= 40 pF MAX @1MHz  
PINS:(P4-P6):(J3-J6)= 40 pF MAX @1MHz

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

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

ACAD REFERENCE NO.: A63-112-431P112

DRAWN: R.STA.MONICA DATE: JUN.27/2012

CHECKED: DATE:

PART NUMBER

SEE NOTE

SHEET 2 OF 2

DRAWING NUMBER

A63-112-431P112

ISSUE

2



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

THESE DRAWINGS AND SPECIFICATIONS  
ARE THE PROPERTY OF EDAC INC. AND  
SHALL NOT BE REPRODUCED OR COPIED  
OR USED AS THE BASIS FOR THE  
MANUFACTURE OR SALE OF APPARATUS  
WITHOUT WRITTEN PERMISSION.