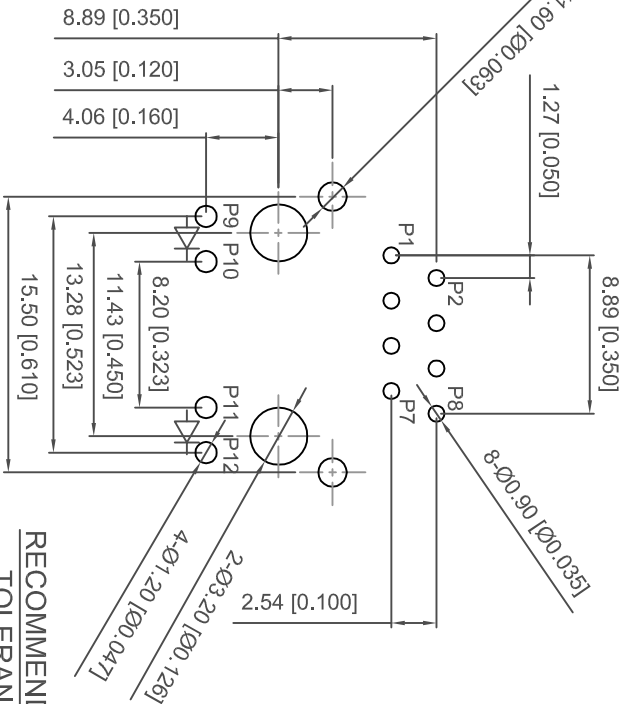
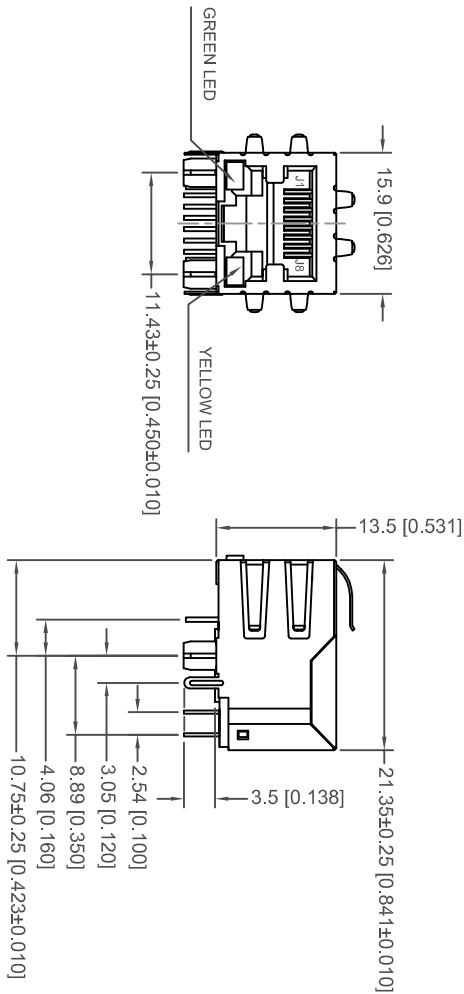
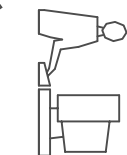


TOLERANCE UNLESS OTHERWISE
SPECIFIED IN MM:
0 ± 0.38
0.0 ± 0.25
0.00 ± 0.10

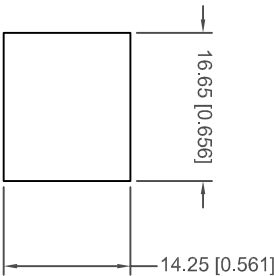
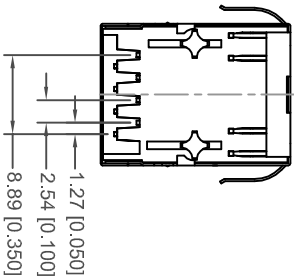
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DO NOT MAKE MANUAL REVISIONS TO MASTER.

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 |
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, 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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EUROPEAN UNION DIRECTIVES 2002/95/EC
AND 2002/96/EC FOR ROHS COMPLIANCY.



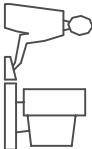
EDAC INC
TORONTO, ONTARIO
CANADA

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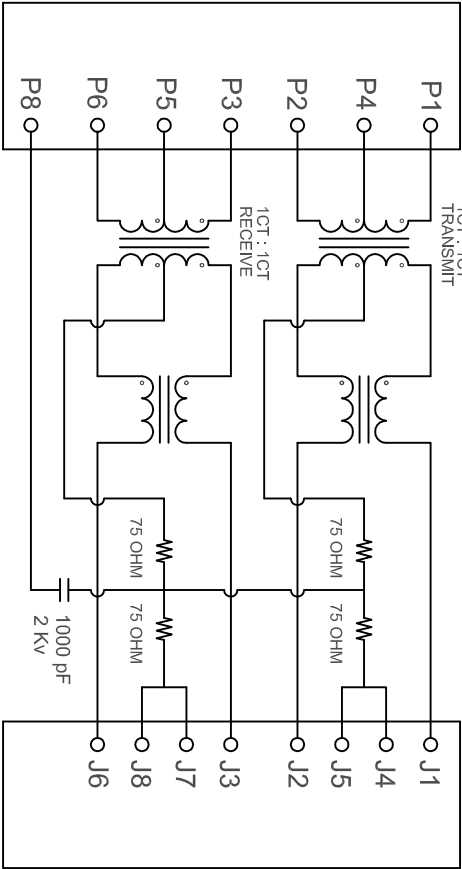
ELECTRICAL CIRCUIT:

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

THIS IS A C.A.D. GENERATED DRAWING
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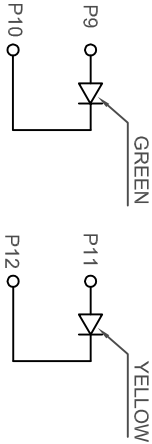


CONNECTOR SOLDER SIDE



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.T.R: (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
-30dB TYPICAL AT 30MHz 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



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



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CANADA

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DRAWN: R.STA.MONICA	DATE: OCT. 18/2011
CHECKED:	DATE:
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SEE NOTE	SHEET 2 OF 2
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