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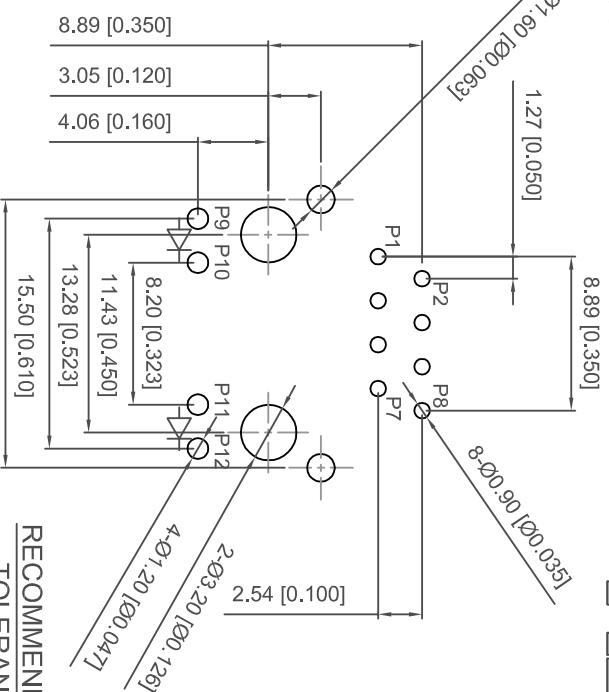
[EDAC Inc.](#)
[A63-113-331P422](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

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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	ISSUE
A63-112-331P422	1



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
DO NOT MAKE MANUAL REVISIONS TO MASTER



ISSUE NUMBER

ORIGINAL

(1)

RECOMMENDED P.C.B. LAYOUT
TOLERANCE: $\pm 0.08[\pm 0.003]$

TOLERANCE: $\pm 0.08[\pm 0.003]$

CONTACTS: COPPER ALLOY PLATED WITH GOLD PLATING AND TIN IN SOLDER AREA

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]

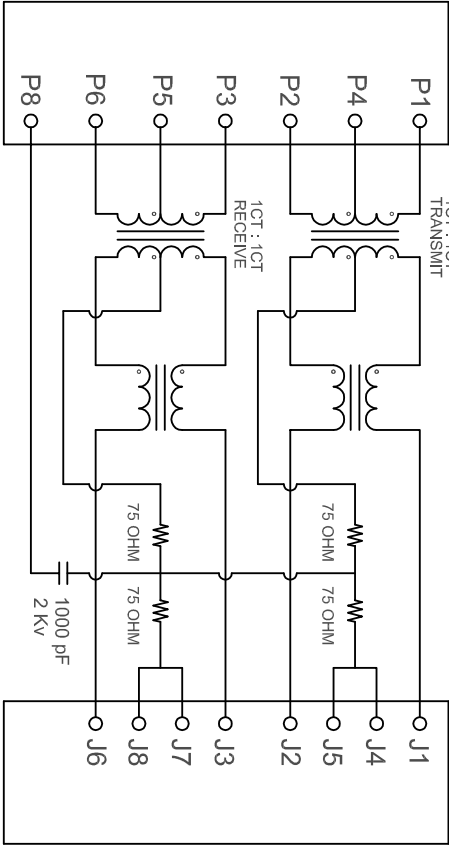
ELECTRICAL CIRCUIT:

TOLERANCE UNLESS OTHERWISE SPECIFIED IN MM:			THIS IS A C.A.D. GENERATED DRAWING DO NOT MAKE MANUAL REVISIONS TO MASTER.	
		ANGLE	°	
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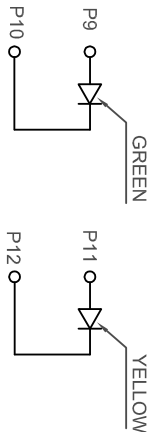


CONNECTOR SOLDER SIDE

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;
-(18-20logf/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



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

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

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

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