Excellent Integrated System Limited

Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

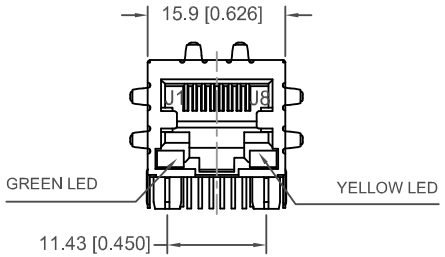
EDAC Inc.
A63-113-331P431

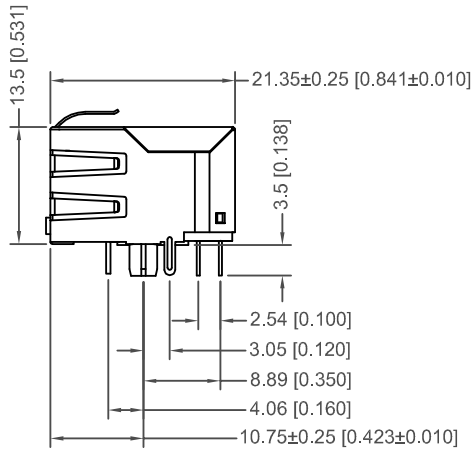
For any questions, you can email us directly:
sales@integrated-circuit.com

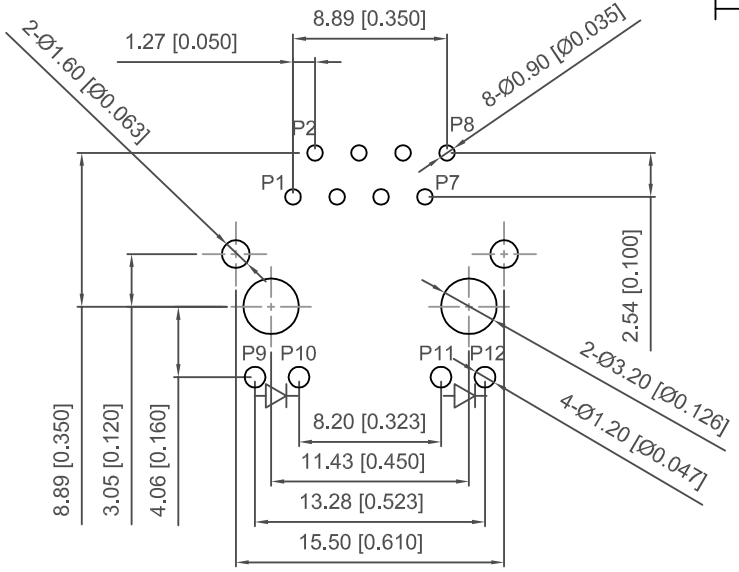
TOLERANCE UNLESS OTHERWISE SPECIFIED IN MM:
0.0 ± 0.38 ANGLE x°
0.00 ± 0.25
0.000 ± 0.10

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

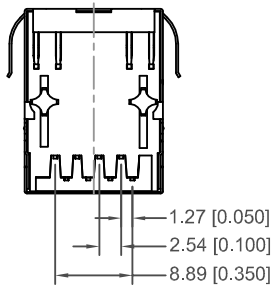
ISSUE NUMBER	
ORIGINAL	1
UPDATE DRAWING R.STA.MONICA SEPT.23/2011	2

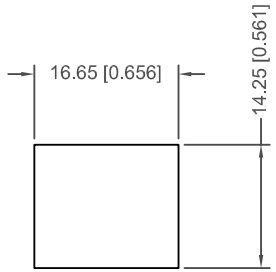






RECOMMENDED P.C.B. LAYOUT
TOLERANCE: ±0.08[±0.003]





RECOMMENDED
PANEL CUTOUT DIMENSION

NOTES:
1. MATERIALS:
HOUSING: THERMOPLASTIC PBT, UL94 V-0, COLOR: BLACK
CONTACTS: COPPER ALLOY PLATED WITH GOLD PLATING AND TIN IN SOLDER AREA

PART NO	GOLD PLATING THICKNESS
A63-112-331P431	GOLD FLASH PLATING
A63-113-331P431	15 MICRO INCHES OF GOLD
A63-114-331P431	30 MICRO INCHES OF GOLD

SHIELD: COPPER ALLOY WITH NICKEL PLATING
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]

RoHS COMPLIANT

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

ACAD REFERENCE NO.: A63-112-331P431
DRAWN: R.STA.MONICA DATE: NOV.19/2010
CHECKED: DATE:
PART NUMBER SEE NOTE
SHEET 1 OF 2
DRAWING NUMBER A63-112-331P431
ISSUE 2

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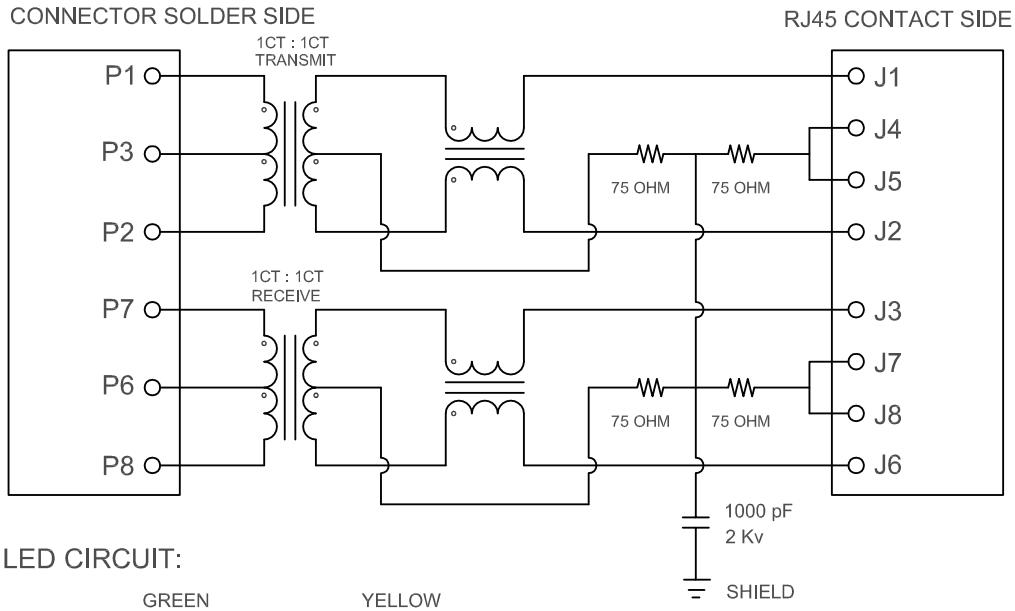
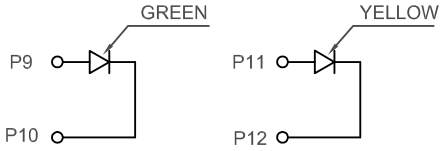
ELECTRICAL CIRCUIT:



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:(P7-P8):(J3-J6)=1:1±3%

2.LX:(100KHz,100mV,8mA, DC Bias)
PINS: (P1,P2),(P7,P8)=350uH MINIMUM

3.DCR:
PINS:(J1-J2),(J3-J6)= 1.2 OHMS MAXIMUM

4.HIPOT:
PINS(P1,P2)TO(J1,J2)=1500VAC OR 2250VDC
PINS(P7,P8)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 REJECTION:
-30dB TYPICAL AT 30MHz TO 100MHz

9. LEAKAGE INDUCTANCE:
PINS: P1-P2, WITH J1-J2 SHORTED=0.35 uH MAX @1MHz
PINS: P7-P8, WITH J3-J6 SHORTED=0.35 uH MAX @1MHz

10. INTERWINDING CAPACITANCE:
PINS:(P1-P2):(J1-J2)= 35 pF MAX @1MHz
PINS:(P7-P8):(J3-J6)= 35 pF MAX @1MHz

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DRAWN: R.STA.MONICA	DATE: NOV.19/2010
CHECKED:	DATE:
PART NUMBER SEE NOTE	SHEET 2 OF 2
DRAWING NUMBER A63-112-331P431	ISSUE 2