TOLERANCE UNLESS OTHERWISE SPECIFIED IN MM:
ANGLE X°
OVERALL ± 0.25

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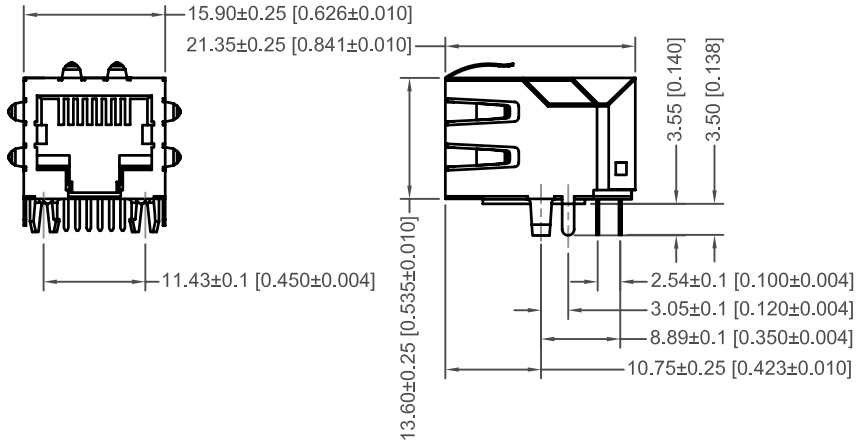
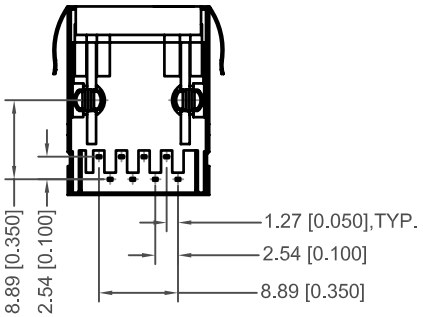
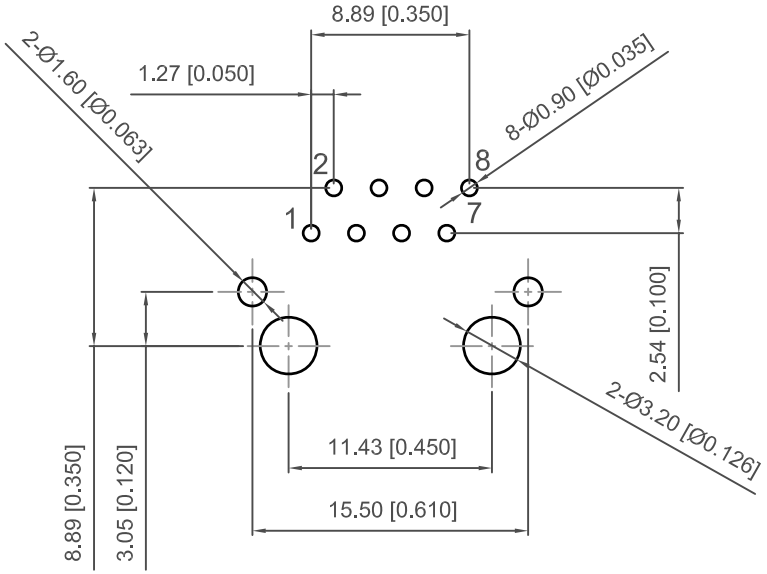
DO NOT MAKE MANUAL REVISIONS TO MASTER.

ISSUE NUMBER
ORIGINAL 1







RECOMMENDED P.C.B. LAYOUT
TOLERANCE: ±0.05[±0.002]

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

PART NO	GOLD PLATING THICKNESS
A40-108-260-906	GOLD FLASH PLATING
A40-108-360-906	15 MICRO INCHES OF GOLD
A40-108-660-906	30 MICRO INCHES OF GOLD

SHIELD: COPPER ALLOY WITH NICKEL PLATING
2. WAVE SOLDER COMPATIBLE PREHEAT TEMPERATURE: 125°C/90SECS
3. MATE WITH MODULAR PLUG CONFORMING TO
FCC PART 68, SUBPART F.
4. 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 WITHOUT LED, 8P, 8C SHIELDED/10/100 Mbps FILTER

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

ACAD REFERENCE NO.: A40−108−260−906	
DRAWN: R.STA.MONICA	DATE: JUL.14/2011
CHECKED:	DATE:
PART NUMBER: SEE NOTE	SHEET 1 OF 2
DRAWING NUMBER: A40-108-260-906	ISSUE: 1

ELECTRICAL CIRCUIT:

TOLERANCE UNLESS OTHERWISE SPECIFIED IN MM:
0 ± 0.50 ANGLE 3°
0.0 ± 0.38
0.00 ± 0.25
0.000 ± 0.10

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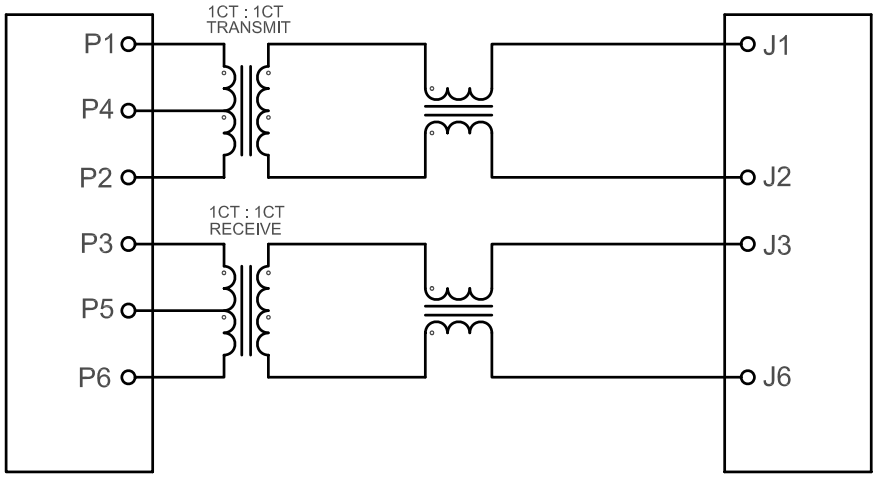
ISSUE NUMBER
ORIGINAL 1

CONNECTOR SOLDER SIDE



RJ45 CONTACT SIDE

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

4.HIPOT:
PINS(P1,P2)TO(J1,J2)=1500VAC
PINS(P3,P6)TO(J3,J6)=1500VAC

5.INSERTION LOSS:
-1.2dB MINIMUM AT 100KHz TO 80MHz;

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 REJECTION:
-30dB TYPICAL AT 30MHz TO 100MHz

9.LEAKAGE INDUCTANCE:
PINS(P1,P2) WITH (J1,J2) SHORT=0.35uH MAX @ 1MHz
PINS(P3,P6) WITH (J3,J6) SHORT=0.35uH MAX @ 1MHz

10.INTERWINDING CAPACITANCE:
PINS(P1,P2)TO(J1,J2)=35pF MAX @ 1MHz
PINS(P3,P6)TO(J3,J6)=35pF MAX @ 1MHz

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ACAD REFERENCE NO.: A40−108−260−906	
DRAWN: R.STA.MONICA	DATE: JUL.14/2011
CHECKED:	DATE:
PART NUMBER SEE NOTE	SHEET 2 OF 2
DRAWING NUMBER A40-108-260-906	ISSUE 1