

8.89 [0.350]

1. MATERIALS:

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

8.89 [0.350] 3.05 [0.120]

11.43 [0.450]

15.50 [0.610]

RECOMMENDED P.C.B. LAYOUT

TOLERANCE: ±0.05[±0.002]

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

SHIELD: COPPER ALLOY WITH NICKEL PLATING

- WAVE SOLDER COMPATIBLE PREHEAT TEMPERATURE: 125°C/90SECS
- 3. MATE WITH MODULAR PLUG CONFORMING TO FCC PART 68, SUBPART F.
- 4. DIMENSION: MM [INCHES]

## RJ45 MAGNETIC JACK WITHOUT LED, SHIELDED/10/100 Mbps FILTER 8P, 8C



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)6   1	ISSUE	SHEET 1 OF 2		DATE:	DATE: JUL.14/2011	

ACAD REFERENCE NO.: A40-108-260-906

## **ELECTRICAL CIRCUIT:**

0.0 0.00 TOLERANCE UNLESS OTHERWISE SPECIFIED IN MM: ± 0.50 ± 0.38 ± 0.25 ± 0.10 ANGLE

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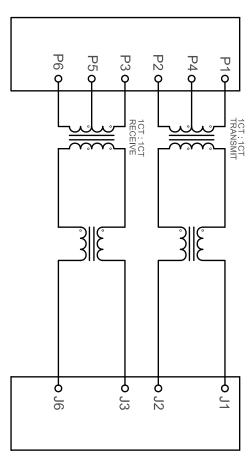
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THIS IS A C.A.D. GENERATED DRAWING DO NOT MAKE MANUAL REVISIONS TO MASTER.



SSUE NUMBER ORIGINAL

CONNECTOR SOLDER SIDE RJ45 CONTACT SIDE



1.TR:(100KHz,0.1V), TEST NOTES:(25±5°C) PINS:(P3-P6):(J3-J6)=1:1±3% PINS:(P1-P2):(J1-J2)=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

PINS(P3,P6)TO(J3,J6)=1500VAC PINS(P1,P2)TO(J1,J2)=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(P3,P6) WITH (J3,J6) SHORT=0.35uH MAX @ 1MHz PINS(P1,P2) WITH (J1,J2) 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

## RJ45 MAGNETIC JACK WITHOUT LED, 8P, 8C SHIELDED/10/100 Mbps FILTER

YOUR CONNECTION TO QUALITY & SERVICE

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