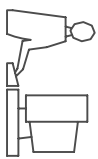




**ELECTRICAL CIRCUIT:**

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

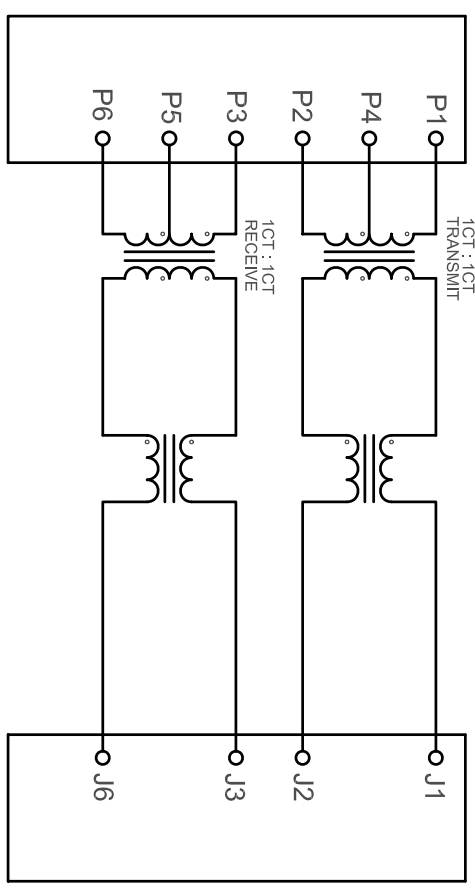
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DO NOT MAKE MANUAL REVISIONS TO MASTER.



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

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

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

DRAWN: R.STA.MONICA      DATE: JUL.14/2011

CHECKED:      DATE:

PART NUMBER      SHEET 2 OF 2

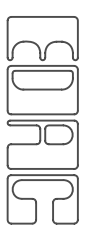
SEE NOTE

DRAWING NUMBER      ISSUE

A40-108-260-906      1



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TORONTO, ONTARIO  
CANADA

YOUR CONNECTION TO QUALITY & SERVICE

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