

TOLERANCE UNLESS OTHERWISE
SPECIFIED IN MM:
0 ± 0.38
0.0 ± 0.25
0.00 ± 0.10

ANGLE x°

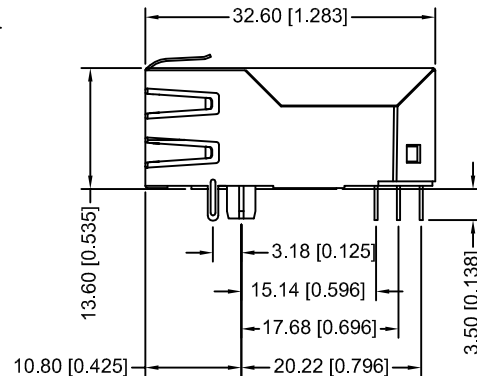
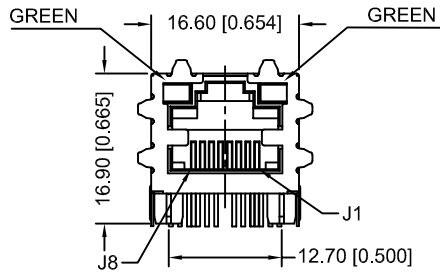
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ISSUE NUMBER

ORIGINAL

1



RECOMMENDED PANEL OPENING

NOTES:

1. MATERIALS:

HOUSING: THERMOPLASTIC, UL 94V-0, COLOR: BLACK

SHIELD: BRASS WITH NICKEL PLATING

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

PART NO

A60-112-233P471

A60-113-233P471

A60-114-233P471

A60-115-233P471

GOLD PLATING THICKNESS

GOLD FLASH PLATING

15 MICRO INCHES OF GOLD

30 MICRO INCHES OF GOLD

50 MICRO INCHES OF GOLD

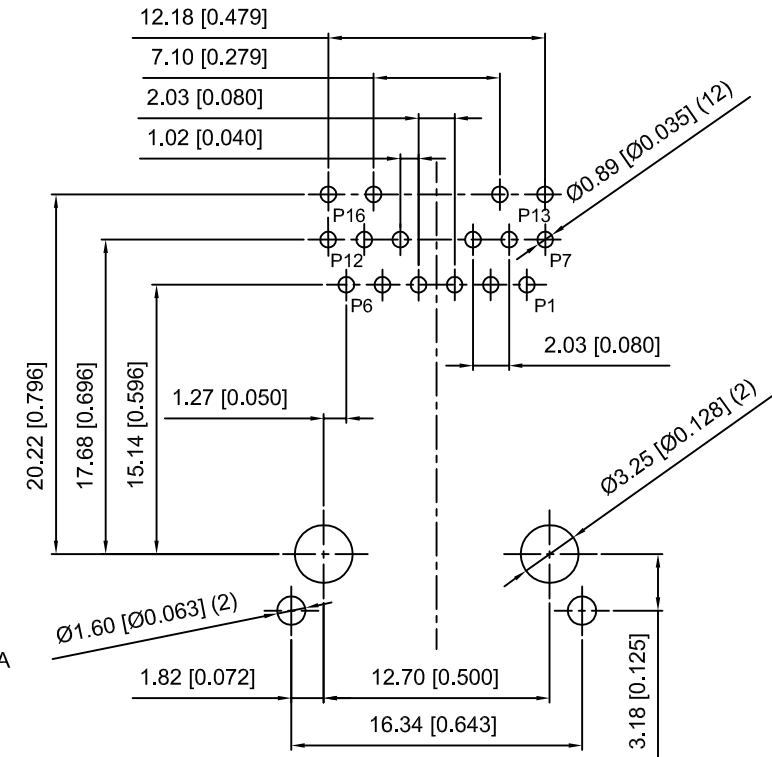
2. OPERATING TEMPERATURE: 0°C TO +70°C

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]



RECOMMENDED P.C.B. LAYOUT

TOLERANCE: ±0.08[±0.003]



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TORONTO, ONTARIO
CANADA

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ACAD REFERENCE NO.: A60-112-233P471

DRAWN: R.STA.MONICA

DATE: MAR.23/2012

CHECKED:

DATE:

PART NUMBER

SEE NOTE

SHEET 1 OF 2

DRAWING NUMBER

A60-112-233P471

ISSUE

1

RJ45 MAGNETIC JACK WITH LED, 12P, 8C
SHIELDED, 10/100/1000 Mbps- FILTER

ELECTRICAL CIRCUIT:

TOLERANCE UNLESS OTHERWISE
SPECIFIED IN MM:
0 ± 0.38
0.0 ± 0.25
0.00 ± 0.10

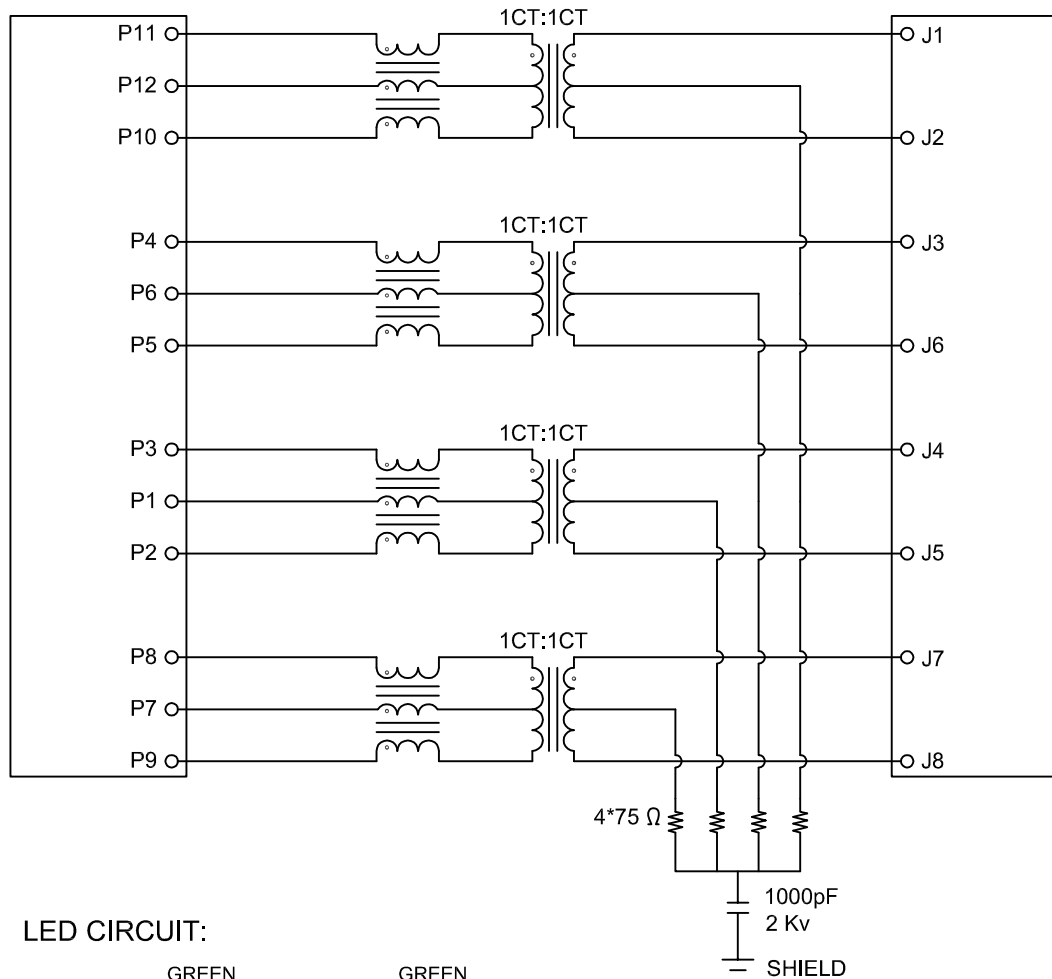
ANGLE x°

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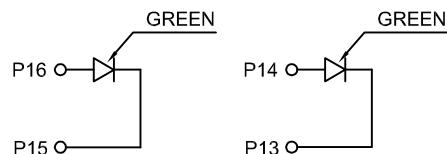


CONNECTOR SOLDER SIDE

RJ45 CONTACT SIDE



LED CIRCUIT:



TEST NOTES:(25°±5°C)

1. TR:(100KHz,0.1V); 100%
PINS:(P8,P9):(J7,J8)=1:1±3%;(P3,P2):(J4,J5)=1:1±5%
PINS:(P4,P5):(J3,J6)=1:1±5%;(P11,P10):(J1,J2)=1:1±5%
2. LX:(100KHz,100mV,8mA, DC Bias) 100%
PINS:(P8,P9),(P3,P2),(P4,P5),(P11,P10)=350uH MINIMUM
3. DC RESISTANCE: 1.2 OHMS MAXIMUM
4. INSERTION LOSS:
-1.0 dB MINIMUM AT 1MHz TO 100MHz;
-1.2 dB MINIMUM AT 100MHz TO 125MHz;
5. RETURN LOSS:
-16dB MAXIMUM AT 1MHz TO 40MHz;
-12dB MAXIMUM AT 40MHz TO 60MHz
-10dB MAXIMUM AT 60MHz TO 80MHz
-8dB MAXIMUM AT 80MHz TO 100MHz
6. CROSS TALK:
-30dB MINIMUM AT 1MHz TO 100MHz
7. COMMON TO COMMON MODE ATTENUATION:
-30dB MINIMUM AT 1MHz TO 100MHz
8. ISOLATION PHY SIDE TO LINE SIDE: 2250 VDC

LED SPECIFICATIONS (WITH FORWARD CURRENT OF 20 mA)

| STANDARD LED | WAVELENGTH | FORWARD V (MAX) | TYP |
|--------------|------------|-----------------|-------|
| GREEN | 565 nm | 2.4 V | 2.2 V |

RJ45 MAGNETIC JACK WITH LED, 12P, 8C SHIELDED, 10/100/1000 Mbps- FILTER



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ACAD REFERENCE NO.: A60-112-233P471

DRAWN: R.STA.MONICA

DATE: MAR.23/2012

CHECKED:

DATE:

PART NUMBER

SEE NOTE

SHEET 2 OF 2

DRAWING NUMBER

A60-112-233P471

ISSUE

1

Mouser Electronics

Authorized Distributor

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EDAC:

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