10/100 Base-T Ethernet Application
Impedance: 100OHMS
RJ45 jack cavity conforms to FCC rules and regulations Part 68, SUB Part F
Operating Temp: 0°C to +70°C
Available in other Circuit Designs
Optional Gold Plating Thickness
Other LED Patterns available

**RoHS**

**Single Port RJ45 Connector** AR11-3670

- **10/100 Base-T Ethernet Application**
- **Impedance: 100OHMS**
- **RJ45 jack cavity conforms to FCC rules and regulations Part 68, SUB Part F**
- **Operating Temp: 0°C to +70°C**
- **Available in other Circuit Designs**
- **Optional Gold Plating Thickness**
- **Other LED Patterns available**

### Electrical Specifications @ 25°C

<table>
<thead>
<tr>
<th>Part Number</th>
<th>OCL(uH Min) @ 100kHz, 0.1V</th>
<th>Turns Ratio chip: cable (±2%)</th>
<th>Insertion Loss (dB Max)</th>
<th>Return Loss (dB Min)</th>
</tr>
</thead>
<tbody>
<tr>
<td>AR11-3670</td>
<td>350</td>
<td>1CT:1CT</td>
<td>-1.0</td>
<td>-18 -18-20Log(F/30MHz) -12</td>
</tr>
</tbody>
</table>

### Electrical Specifications @ 25°C

<table>
<thead>
<tr>
<th>Cross Talk (dB Min)</th>
<th>CMR (dB Min)</th>
<th>CDMR (dB Min)</th>
<th>HI-POT (Vrms) 0.5mA/2Sec.</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.5-1MHz 10MHz 30MHz 50MHz 100MHz 0.3-1MHz 10MHz 30MHz 60MHz 100MHz 0.3-1MHz 10MHz 30MHz 60MHz 100MHz</td>
<td>-50 -50 -40 -35 -30 -50 -47 -42 -37 -30 -50 -50 -45 -40 1500</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### MECHANICAL

- **Yellow**
- **Green**

- **MECHANICAL**

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All specifications subject to change without notice.

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714-665-1140 ALLIED COMPONENTS INTERNATIONAL www.alliedcomponents.com

REVISED 02/01/12
1. Shield- 0.20mm THICKNESS BRASS C2680 H. PLATING NICKEL 30u"-50u"
3. RJ Terminal- Plastic: PBT 30% G.F., UL94V-0, Standard Color Black. Pin: 0.35mm Thickness Phos-Bronze C5210 EH. Plating: Nickel 40u"-60u" for all and Sn 100%, and 30u" Gold Plating.
4. Input Terminal: PBT 30% G.F., Glass Filled, UL94V-0, Standard Color Black. Pin: 0.35mm Thickness Phos-Bronze C2680. Plating: Nickel 40u"-60u" for all and Sn 100%.