10/100 Base-T Ethernet Application
- Impedance: 100ohms
- Transmit open circuit inductance (OCL): 350uH (MIN) @100KHz, 0.1VRMS with 8mA DC Bias
- RJ45 jack cavity conforms to FCC rules and regulations Part 68, SUB Part F
- Standard operating temp: 0ºC to +70ºC
- Contact Factory for Industrial Temp.

**Electrical Specifications @ 25°C**

<table>
<thead>
<tr>
<th>Part Number</th>
<th>OCL(uH Min) @ 100KHz, 0.1V With 8mA DC Bias</th>
<th>Turns Ratio (± 3%) chip: cable</th>
<th>Insertion Loss (dB Max)</th>
<th>Return Loss (dB Min)</th>
</tr>
</thead>
<tbody>
<tr>
<td>AR11-3674</td>
<td>350</td>
<td>1CT:1CT</td>
<td>-1.0</td>
<td>-18</td>
</tr>
</tbody>
</table>

**Electrical Specifications @ 25°C**

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Cross Talk (dB Min)</th>
<th>CMR (dB Min)</th>
<th>HI-POT (Vrms) 0.5mA/2Sec.</th>
</tr>
</thead>
<tbody>
<tr>
<td>AR11-3674</td>
<td>30MHz -38</td>
<td>60MHz -38</td>
<td>100MHz -38</td>
</tr>
</tbody>
</table>

All specifications subject to change without notice.

**MECHANICAL**
1. Shield- 0.20mm THICKNESS BRASS C2680 H. PLATING NICKEL 30u"-50u".
   Pin: 0.35mm Thickness Phos-Bronze C5210 EH. Plating: Nickel 40u"-60u", for all and Sn100%, and 15u" Gold Plating.
   Pin: 0.35mm Thickness Phos-Bronze C2680. Plating: Nickel 40u"-60u" for all and Sn 100%.