We refer to the text content of the image for the detailed specification of the SINGLE PORT RJ45 CONNECTOR AR11-3906.

- **10/100/1000 BaseT Gigabit for LAN and other Ethernet Applications**
- **Transmit open circuit inductance (OCL): 350 µH (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**

**Electrical Specifications @ 25ºC**

<table>
<thead>
<tr>
<th>Part Number</th>
<th>OCL (µH Min) @ 100kHz, 0.1V (With 8mA DC Bias)</th>
<th>Turns Ratio ±2%</th>
<th>Cross Talk (dB Min)</th>
<th>HI-POT 1.0mA (V) without capacitance</th>
<th>HI-POT 1.0mA (V) with capacitance</th>
</tr>
</thead>
<tbody>
<tr>
<td>AR11-3906</td>
<td>350</td>
<td>1CT:1CT</td>
<td>-50</td>
<td>1500 AC</td>
<td>2250 DC</td>
</tr>
</tbody>
</table>

**Electrical Specifications @ 25ºC**

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Insertion Loss (dB Max)</th>
<th>Return Loss (dB Min) @ Load 100 Ohm</th>
<th>CMR (dB Min)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1-100MHz</td>
<td>100-125 MHz (10/100/100)</td>
<td></td>
</tr>
<tr>
<td>AR11-3906</td>
<td>-1.0</td>
<td>-1.2</td>
<td>-1.0</td>
</tr>
</tbody>
</table>

All specifications subject to change without notice.

**MECHANICAL**
1. Shield- 0.20mm THICKNESS BRASS C2680 H.
   PLATING NICKEL 20u" Min.
2. Housing- Standard Material Nylon66, Glass filled
   Polyester UL94V-0 Standard Color Black.
3. RJ Terminal- Plastic: Nylon66, UL94V-0, Standard
   Color Black.
   Pin: 0.35mm Thickness Phos-Bronze C5210 EH.
   Plating: Nickel 40u"-60u" for all and Sn 100%, and
   Gold Plating.
4. Input Terminal: Plastic Nylon66, Glass Filled, UL94V-0,
   Standard Color Black.
   Pin: 0.35mm Thickness SUS430.
   Plating: Nickel 40u"-60u" for all and Sn 100%.