RoHS

Single Port RJ45 No Shield Can

● 10/100 Base-T Ethernet Application
● PoE Ready
● No Shield Can
● 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.
● Available in other Circuit Designs
● Optional Gold Plating Thickness

AR11NS-3805

Electrical Specifications @ 25°C

<table>
<thead>
<tr>
<th>Part Number</th>
<th>OCL(uH Min) @ 100kHz, 0.1V</th>
<th>Turns Ratio (±2%)</th>
<th>Insertion Loss (dB Max)</th>
<th>Return Loss (dB Min)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>With 8mA DC Bias</td>
<td>chip: cable</td>
<td>1-100MHz</td>
<td>1-30MHz</td>
</tr>
<tr>
<td>AR11NS-3805</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>Cross Talk (dB Min)</th>
<th>CMR (dB Min)</th>
<th>CDMR (dB Min)</th>
<th>HI-POT (Vrms)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.5-1MHz</td>
<td>10MHz</td>
<td>50MHz</td>
<td>100MHz</td>
</tr>
</tbody>
</table>

HI-POT (Vrms): 1.0mA/3Sec.

All specifications subject to change without notice.

MECHANICAL
1. Shield - None
   Pin: 0.35mm Thickness Phos-Bronze C5210 EH.
   Plating: Nickel 30u"-50u" for all and Sn 100%, and 6u" Gold Plating.
4. Contact Pin: Plastic: PBT Glass Filled, UL94V-0,
   Standard Color Black.
   Pin: 0.35mm Thickness Stainless SUS430.
   Plating: Nickel 30u"-50u" for all and Sn 100%.