- 10/100 Base-T
- Impedance: 100 OHMS
- RJ45 jack cavity conforms to FCC rules and regulations Part 68, SUB Part F
- Standard Temperature: -0°C to +70°C

## Electrical Specifications @ 25°C

<table>
<thead>
<tr>
<th>Part Number</th>
<th>OCL (uH Min) @ 100kHz, 100mV With 8mA DC Bias</th>
<th>Turns Ratio chip: cable (±2%)</th>
<th>Cross Talk (dB Min) 1-60MHz</th>
<th>60-100MHz</th>
<th>Isolation Voltage</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARSM11-4195</td>
<td>350</td>
<td>1CT:1CT</td>
<td>-35</td>
<td>-30</td>
<td>1500Vrms</td>
</tr>
</tbody>
</table>

## Electrical Specifications @ 25°C

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Insertion Loss (dB Max) 1-65MHz</th>
<th>Return Loss (dB Min) @ Load 100 Ohm 1-30MHz</th>
<th>30MHz</th>
<th>60-100MHz</th>
<th>1-130 MHz</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARSM11-4195</td>
<td>-1.0</td>
<td>-18</td>
<td>-14</td>
<td>-10</td>
<td>-20</td>
</tr>
</tbody>
</table>

All specifications subject to change without notice.

### MECHANICAL
1. Designed to support application, such as SOHO (ADSL modems), LAN-on-Motherboard (LOM), hub and switches.
2. Meets IEEE 802.3 specification
3. Connector Materials:
   - Housing: Thermoplastic UL94V-0
   - Contact/Shield: Copper alloy
   - Shield plating: Nickel
   - Contact plating: Gold 6 micro-inches min. In contact area
4. Wave solder tip temperature: 265°C Max
   Wave solder tip temperature time: 5 Sec Max