RoHS

Single Port RJ45 Connector  AR11-4325

- 10/100/1000 Base-T for LAN and other Ethernet Applications
- Designed to meet IEEE802.3
- RJ45 jack cavity conforms to FCC rules and regulations Part 68, SUB Part F
- Standard Temp: 0°C to +70°C

Electrical Specifications @ 25°C

<table>
<thead>
<tr>
<th>Part Number</th>
<th>OCL(uH Min) @ 100kHz</th>
<th>Turns Ratio (± 3%) TX/RX</th>
<th>Cross Talk (dB Min)</th>
<th>HI-POT (Test) (Vrms Min)</th>
</tr>
</thead>
<tbody>
<tr>
<td>AR11-4325</td>
<td>350</td>
<td>1CT:1CT</td>
<td>-40</td>
<td>-35</td>
</tr>
</tbody>
</table>

Electrical Specifications @ 25°C

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Insertion Loss (dB Max)</th>
<th>Return Loss (dB Min)</th>
<th>CMR (dB Min)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1-100MHz</td>
<td>1-30MHz</td>
<td>30-60MHz 60-100MHz</td>
</tr>
<tr>
<td>AR11-4325</td>
<td>-1.0</td>
<td>-18</td>
<td>-15</td>
</tr>
</tbody>
</table>

All specifications subject to change without notice.

MECHANICAL

Front Side View

Left Side View

Bottom Side View

Top Side View

Allied AR11-4325 YYWW
RoHS

Single Port RJ45 Connector AR11-4325

SCHEMATICS

NOTES

1. Meets IEEE 802.3 specification
2. Connector Materials:
   - Housing: Thermoplastic UL94V-0
   - Contact/Shield: Copper alloy
   - Shield plating: Nickel
   - Contact plating: Gold 6 micro-inches min. In contact area.
3. Wave solder tip temperature: 265°C Max, 5 Sec Max