SINGLE PORT VERTICAL MOUNT RJ45  
ARV11-4436I

- 10/100/1000 Gigabit Base-T
- Compliant to IEEE802.3
- Industrial Operating Temp: -40°C to +85°C
- Designed to support applications such as SOHO(ADSL Modems), LAN-on-Motherboard (LOM), Hub, and Switches.

**Electrical Specifications @ 25°C**

<table>
<thead>
<tr>
<th>Part Number</th>
<th>OCL(µH Min) @ 100KHz, 0.1V With 8mA DC Bias</th>
<th>Turns Ratio (±3%)</th>
<th>Return Loss (dB Min)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARV11-4436I</td>
<td>350</td>
<td>1CT:1CT</td>
<td>1-40MHz 60MHz 80MHz 100MHz</td>
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<td></td>
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<td>-18 -14 -12 -10</td>
</tr>
</tbody>
</table>

**Cross Talk (dB Typ)**

- 1-100MHz: -35
- 1-40MHz: -30
- 60-100MHz: -12

**Insertion Loss (dB Max)**

- 1-100MHz: -1.1
- 0.1-30MHz: -38

**CMR (dB Min)**

- 30-60MHz: -35
- 60-100MHz: -30

**HI-POT**

- 1500Vrms

**MECHANICAL**

Green/Orange Left LED
Green Right LED

All specifications subject to change without notice.
1. Connector Materials:
   Housing Material: Thermoplastic PBT+30%G.F UL94V-0
   Contact Material: Phosphor Bronze C5210R-EH Thickness = 0.35mm
   Pins: Brass C2680R-H Thickness = 0.35mm
   Shield: Copper Alloy Brass H65Y Thickness = 0.2mm
   Contact Plating: Gold 6µ" min in contact area

2. Wave solder tip temperature: 265°C Max, 5 Sec Max