10/100 BaseT for LAN and other Ethernet Applications
- Compliant to IEEE802.3 Standard
- RJ45 Jack Cavity confirms to FCC rules and regulations part 68, sub part F
- Standard Operating Temp: 0°C to +70°C

### Electrical Specifications @ 25°C

<table>
<thead>
<tr>
<th>Part Number</th>
<th>OCL (uH Min) @ 100kHz, 0.1V</th>
<th>Turns Ratio (chip: cable)</th>
<th>Insertion Loss (dB Max)</th>
<th>Return Loss (dB Min)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARV11-4311</td>
<td>350</td>
<td>1:1±5%</td>
<td>-1.0</td>
<td>-16</td>
</tr>
</tbody>
</table>

### Electrical Specifications @ 25°C

<table>
<thead>
<tr>
<th>Cross Talk (dB Min)</th>
<th>CMR (dB Min)</th>
<th>HI-POT (Vrms)</th>
<th>1.0mA/60Sec.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-100MHz</td>
<td>1-100MHz</td>
<td>1500</td>
<td></td>
</tr>
<tr>
<td>-30</td>
<td>-30</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

All specifications subject to change without notice.

### MECHANICAL

- LED Colors: Green on the left, Yellow on the right.
- Dimensions: 16.1±0.38 x 16.7±0.38 x 15.8
- Marking: Allied ARV11-4311 YYWW
SCHEMATICS

PCB LAYOUT

NOTES

1. Shielded— 0.20mm THICKNESS BRASS.
   PLATING NICKEL 20μ"MIN.
2. Housing— PA66 30%GF, UL 94 V-0, BLACK.
3. Contact Pin— Plastic: PBT, UL 94 V-0, BLACK.
   Pin: 0.35mm Thickness Phos-Bronze.
   Plating: Nickel 30μ"~60μ" for all Sn 100%,
   and Gold Plating 6μ".
4. Insert Pin— Plastic: PBT, UL 94 V-0, BLACK.
   Pin: 0.35mm Thickness SUS430,
   Plating: Nickel 30μ"~60μ" for all and Sn 100%.