10/100 BaseT for LAN and other Ethernet Applications
- Transmit open circuit inductance (OCL): 350µH Min
  @ 100KHz, 0.1Vrms with 8mA DC Bias
- RJ45 jack cavity conforms to FCC rules and regulations
  Part 68, SUB Part F
- Standard Operating Temp Range: 0°C to +70°C

**Electrical Specifications @ 25°C**

<table>
<thead>
<tr>
<th>Part Number</th>
<th>OCL (µH Min) @ 100kHz, 0.1V</th>
<th>Turns Ratio (±2%)</th>
<th>Cross Talk (dB Min)</th>
<th>HI-POT 1.0mA (V)</th>
</tr>
</thead>
<tbody>
<tr>
<td>AR11-3964</td>
<td>350</td>
<td>1CT:1CT</td>
<td>-50</td>
<td>1500AC</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) @ Load 100 Ohm</th>
<th>CMR (dB Min)</th>
</tr>
</thead>
<tbody>
<tr>
<td>AR11-3964</td>
<td>-1.0</td>
<td>-18</td>
<td>-30</td>
</tr>
</tbody>
</table>

All specifications subject to change without notice.

**MECHANICAL**

UNIT: mm

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**ALLIED COMPONENTS INTERNATIONAL**

949-356-1780  www.alliedcomponents.com

Revised 03/06/2017
1. Shielded - 0.20mm THICKNESS BRASS C2680-H. PLATING NICKEL 20u" Min.
3. RJ Terminal - Plastic: Nylon66 GF UL94V-0, Standard Color Black. Plating: PLATING Nickel 40u"~60u" for all and PLATING Sn 100u"~120u" and Gold Plating 6u".
   Plating: PLATING Nickel 40u"~60u" for all and PLATING Sn 100u"~120u"