10/100/1000 Base T Gigabit for Ethernet Applications
Impedance: 100OHMS
RJ45 jack cavity conforms to FCC rules and regulations Part 68, SUB Part F
Operating Temp: 0ºC to +70ºC
Contact Factory for Industrial Temp.
Available in other Circuit Designs
Optional Gold Plating Thickness
Other LED Patterns available

**Electrical Specifications @ 25°C**

<table>
<thead>
<tr>
<th>Part Number</th>
<th>OCL(uH Min) @ 100kHz, 0.1V</th>
<th>Turns Ratio chip: cable (±2%)</th>
<th>Insertion Loss (dB Max) 1-100MHz</th>
<th>Return Loss (dB Min) 1-30MHz 30-60MHz 60-80MHz</th>
</tr>
</thead>
<tbody>
<tr>
<td>AR11-3726</td>
<td>350</td>
<td>1:1</td>
<td>-1.0</td>
<td>-18</td>
</tr>
</tbody>
</table>

**Electrical Specifications @ 25°C**

<table>
<thead>
<tr>
<th>Cross Talk (dB Min)</th>
<th>CMR (dB Min)</th>
<th>CDMR (dB Min)</th>
<th>HI-POT (Vrms)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.5-1MHz</td>
<td>10MHz</td>
<td>50MHz</td>
<td>100MHz</td>
</tr>
</tbody>
</table>

All specifications subject to change without notice.

**MECHANICAL**
1. Shield- 0.25mm THICKNESS BRASS C2680 H. PLATING NICKEL 30u"-50u"
3. RJ Terminal- Plastic: PBT, UL94V-0, Standard Color Black. Pin: 0.35mm Thickness Phos-Bronze C5210 EH. Plating: Nickel 40u"-60u" for all and Sn 100%, and 6u" Gold Plating.
4. Input Terminal: Plastic: PBT, Glass Filled, UL94V-0, Standard Color Black. Pin: 0.35mm Thickness Phos-Bronze SUS430. Plating: Nickel 40u"-60u" for all and Sn 100%. 

NOTES

PCB LAYOUT

REVISED 11/18/13