2X6 RJ45 Connector

- 10/100 Base-T Ethernet Application
- Impedance: 100OHMS
- RJ45 jack cavity conforms to FCC rules and regulations Part 68, SUB Part F
- Standard 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 With 8mA DC Bias</th>
<th>Turns Ratio chip: cable (±2%)</th>
<th>Insertion Loss (dB Max)</th>
<th>Return Loss (dB Min)</th>
</tr>
</thead>
<tbody>
<tr>
<td>AR26-3773</td>
<td>350</td>
<td>1CT:1CT</td>
<td>-1.0</td>
<td>-18</td>
</tr>
</tbody>
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<tr>
<th>Part Number</th>
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<tr>
<td></td>
<td>Cross Talk (dB Min)</td>
</tr>
<tr>
<td></td>
<td>0.5-1MHz 10MHz 50MHz 100MHz 0.3-1MHz 10MHz 30MHz 60MHz 100MHz 0.3-1MHz 10MHz 30MHz 60MHz 100MHz</td>
</tr>
</tbody>
</table>

All specifications subject to change without notice.

**MECHANICAL**
1. Shield- 0.20mm THICKNESS BRASS C2680 H.
   PLATING NICKEL 30u"-50u"
2. Housing- Standard Material Nylon66, Glass filled
   Polyester UL94V-0 Standard Color Black.
3. Insert Pin- Plastic: PBT +30% GF, 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. Contact Pin:  Nylon66, Glass Filled, UL94V-0,
   Standard Color Black.
   Pin: 0.35mm Thickness Phos-Bronze C2680.
   Plating: Nickel 40u"-60u" for all and Sn 100%. 