Dot Connector

New type elastic connector with ultra low electric resistance.

Secret of Super Low Resistance

The conductive fillers can be put together to any location by the magnetic orientation technology.

Flexible Custom Design Support

Electrode Structure

Applications

Microphone Holder Connector

Electroparts Connector

Co-axial Connector

Film Antenna Connector

Ground (Pin-c / SMTDot / PSADot)

Waterproof Connector

Features

Shock Resistance

Physical impacts from ASSY and repairing

No deformation after giving physical impact.

Space Saving

Connected in the shortest distance and minimizing area.

Damage Reduction

No resistance value increment thanks to damage reduction on PCBs.
Design Support

We bring custom design support in accordance with height, pitch and electrode numbers. Insulation area also can be customized and our connectors can be embedded with other materials.

Contact φA : Standard φ0.8mm (MIN φ0.4mm)

<table>
<thead>
<tr>
<th>Pitch and H</th>
<th>Resistance (1pin)</th>
<th>Current Capacity (1pin)</th>
<th>Force (1pin)</th>
<th>Compression Ratio</th>
</tr>
</thead>
<tbody>
<tr>
<td>H &lt; 1mm B &gt; 0.5mm</td>
<td>20mΩ</td>
<td>10A</td>
<td>1~5N</td>
<td>20%~40%</td>
</tr>
<tr>
<td>1 &lt; H &lt; 2mm B &gt; 1mm</td>
<td>40mΩ</td>
<td>6A</td>
<td>1~4N</td>
<td>20%~35%</td>
</tr>
<tr>
<td>2 &lt; H &lt; 3mm B &gt; 1.5mm</td>
<td>60mΩ</td>
<td>4A</td>
<td>1~3N</td>
<td>20%~35%</td>
</tr>
<tr>
<td>3 &lt; H &lt; 4mm B &gt; 2.5mm</td>
<td>80mΩ</td>
<td>3A</td>
<td>1~3N</td>
<td>15%~25%</td>
</tr>
<tr>
<td>4 &lt; H &lt; 5mm B &gt; 3.5mm</td>
<td>100mΩ</td>
<td>2.5A</td>
<td>1~2N</td>
<td>10%~20%</td>
</tr>
</tbody>
</table>

※ If other specifications needed, it would be possible to review. Please contact us.

Characteristics

Sponge Gasket
- Height: 0.95mm
- 3.5mm×2.4mm

Spring Contact
- Height: 1.1mm
- 5mm×1.5mm

Dot Connector
- Height: 0.95mm
- 2mm×3mm