### Part Numbering

**Chip Ferrite Bead for Automotive**

(Part Number)  
<table>
<thead>
<tr>
<th>Code</th>
<th>Product ID</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>BL</td>
<td>1</td>
<td>2</td>
</tr>
</tbody>
</table>

#### Product ID

**Code**  
- BL: Chip Ferrite Beads

#### Type

**Code** | **Type**
---|---
E | DC Bias Characteristics Improved Type
M | Ferrite Bead Single Type

#### Dimensions (LxW)

<table>
<thead>
<tr>
<th>Code</th>
<th>Dimensions (LxW)</th>
<th>Size Code (inch)</th>
</tr>
</thead>
<tbody>
<tr>
<td>03</td>
<td>0.6x0.3mm</td>
<td>0201</td>
</tr>
<tr>
<td>15</td>
<td>1.0x0.5mm</td>
<td>0402</td>
</tr>
<tr>
<td>18</td>
<td>1.6x0.8mm</td>
<td>0603</td>
</tr>
<tr>
<td>21</td>
<td>2.0x1.25mm</td>
<td>0805</td>
</tr>
<tr>
<td>31</td>
<td>3.2x1.6mm</td>
<td>1206</td>
</tr>
<tr>
<td>32</td>
<td>3.2x2.5mm</td>
<td>1210</td>
</tr>
<tr>
<td>41</td>
<td>4.5x1.6mm</td>
<td>1806</td>
</tr>
</tbody>
</table>

#### Characteristics/Applications

**Code** | **Characteristics/Applications**
---|---
AG | For General Use
AJ | For High-speed Signal Lines
AX | For Power Lines
BA | For GHz Band General Use
BB | For GHz Band General Use (Low Direct Current Type)
BC | For GHz Band General Use (Low DC Resistance Type)
BD | For GHz Band High-speed Signal Lines
BX | For GHz Band General Use
KG | For GHz Band General Use
KN | For GHz Band General Use
PD | For GHz Band General Use
PG | For GHz Band General Use
PN | For GHz Band General Use
PS | For GHz Band General Use
PX | For GHz Band General Use
SG | For GHz Band General Use
SN | For GHz Band General Use
SP | For GHz Band General Use
HG | For GHz Band General Use
EB | For GHz Band High-speed Signal Lines
EG | For GHz Band General Use
HB | For GHz Band High-speed Signal Lines
HD | For GHz Band General Use
HE | For GHz Band General Use
GA | For GHz Band General Use
GG | For GHz Band General Use
DN | For GHz Band General Use

#### Impedance

Expressed by three figures. The unit is in ohm (Ω) at 100MHz. The first and second figures are significant digits, and the third figure expresses the number of zeros that follow the two figures.

#### Electrode

Expressed by a letter.

<table>
<thead>
<tr>
<th>Ex.)</th>
<th>Code</th>
<th>Electrode</th>
</tr>
</thead>
<tbody>
<tr>
<td>00</td>
<td>S/F/T/B/J</td>
<td>Sn Plating</td>
</tr>
<tr>
<td>01</td>
<td>A</td>
<td>Au Plating</td>
</tr>
<tr>
<td>02</td>
<td>W</td>
<td>Ag/Pd</td>
</tr>
</tbody>
</table>

#### Category

<table>
<thead>
<tr>
<th>Code</th>
<th>Category</th>
</tr>
</thead>
<tbody>
<tr>
<td>Z</td>
<td>For Automotive Infotainment</td>
</tr>
<tr>
<td>H</td>
<td>Powertrain, Safety</td>
</tr>
</tbody>
</table>

#### Number of Circuits

<table>
<thead>
<tr>
<th>Code</th>
<th>Number of Circuits</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1 Circuit</td>
</tr>
</tbody>
</table>

#### Packaging

<table>
<thead>
<tr>
<th>Code</th>
<th>Packaging</th>
</tr>
</thead>
<tbody>
<tr>
<td>K</td>
<td>Embossed Taping (ø330mm Reel)</td>
</tr>
<tr>
<td>L</td>
<td>Embossed Taping (ø180mm Reel)</td>
</tr>
<tr>
<td>B</td>
<td>Bulk</td>
</tr>
<tr>
<td>J</td>
<td>Paper Taping (ø330mm Reel)</td>
</tr>
<tr>
<td>D</td>
<td>Paper Taping (ø180mm Reel)</td>
</tr>
</tbody>
</table>

*¹ Frequency characteristics vary with each code.