## Part Numbering

### Chip Ferrite Bead

(Part Number)  BL M 18 AG 102 S N 1 D

<table>
<thead>
<tr>
<th>1Product ID</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Product ID</td>
<td>Code</td>
</tr>
<tr>
<td>BL</td>
<td>Chip Ferrite Beads</td>
</tr>
</tbody>
</table>

### Type

<table>
<thead>
<tr>
<th>Code</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Array Type</td>
</tr>
<tr>
<td>E</td>
<td>DC Bias Characteristics Improved Type</td>
</tr>
<tr>
<td>M</td>
<td>Ferrite Bead Single Type</td>
</tr>
<tr>
<td>T</td>
<td>Assembly Type</td>
</tr>
</tbody>
</table>

### Characteristics/Applications

<table>
<thead>
<tr>
<th>Code</th>
<th>Characteristics/Applications</th>
</tr>
</thead>
<tbody>
<tr>
<td>AG</td>
<td>For General Use</td>
</tr>
<tr>
<td>AX</td>
<td></td>
</tr>
<tr>
<td>TG</td>
<td></td>
</tr>
<tr>
<td>BA</td>
<td></td>
</tr>
<tr>
<td>BB</td>
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<tr>
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<td></td>
</tr>
<tr>
<td>KG</td>
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<td>RK</td>
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<td>HG</td>
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<td>EB</td>
<td>For GHz Band High-speed Signal Lines (Low Direct Current Type)</td>
</tr>
<tr>
<td>EG</td>
<td>For GHz Band General Use (Low DC Resistance Type)</td>
</tr>
<tr>
<td>EX</td>
<td></td>
</tr>
<tr>
<td>HB</td>
<td></td>
</tr>
<tr>
<td>HD</td>
<td>For GHz Band High-speed Signal Lines</td>
</tr>
<tr>
<td>HE</td>
<td></td>
</tr>
<tr>
<td>HK</td>
<td>For GHz Band Digital Interface</td>
</tr>
<tr>
<td>GA</td>
<td>For High-GHz Band High-speed Signal Lines</td>
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<tr>
<td>GG</td>
<td>For High-GHz Band General Use</td>
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<tr>
<td>DN</td>
<td>For High-GHz Band General Use (Low Direct Current Type)</td>
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</table>

*1 Frequency characteristics vary with each code.

### Dimensions (LxW)

<table>
<thead>
<tr>
<th>Code</th>
<th>Dimensions (LxW)</th>
<th>Size Code (inch)</th>
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</thead>
<tbody>
<tr>
<td>02</td>
<td>0.4x0.2mm</td>
<td>01005</td>
</tr>
<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>
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<tr>
<td>18</td>
<td>1.6x0.8mm</td>
<td>0603</td>
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<td>2A</td>
<td>2.0x1.0mm</td>
<td>0804</td>
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<tr>
<td>21</td>
<td>2.0x1.25mm</td>
<td>0805</td>
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<td>3.2x1.6mm</td>
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<tr>
<td>32</td>
<td>3.2x2.5mm</td>
<td>1210</td>
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<tr>
<td>41</td>
<td>4.5x1.6mm</td>
<td>1806</td>
</tr>
<tr>
<td>5B</td>
<td>5.0x5.0mm</td>
<td>2020</td>
</tr>
</tbody>
</table>

### 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.

Ex.)

<table>
<thead>
<tr>
<th>Code</th>
<th>Electrode</th>
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</thead>
<tbody>
<tr>
<td>S/F/T</td>
<td>Sn Plating</td>
</tr>
<tr>
<td>A</td>
<td>Au Plating</td>
</tr>
<tr>
<td>L</td>
<td>Lead-Free Solder Plating</td>
</tr>
</tbody>
</table>

### Category

<table>
<thead>
<tr>
<th>Code</th>
<th>Category</th>
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</thead>
<tbody>
<tr>
<td>N</td>
<td>For General-Purpose</td>
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</tbody>
</table>

### Number of Circuits

<table>
<thead>
<tr>
<th>Code</th>
<th>Number of Circuits</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>1 Circuit</td>
</tr>
<tr>
<td>4</td>
<td>4 Circuits</td>
</tr>
</tbody>
</table>

### Packaging

<table>
<thead>
<tr>
<th>Code</th>
<th>Packaging</th>
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</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>