

## ● Part Numbering

### Chip Ferrite Beads

(Part Number)

<b>BL</b>	<b>M</b>	<b>18</b>	<b>AG</b>	<b>102</b>	<b>S</b>	<b>N</b>	<b>1</b>	<b>D</b>
①	②	③	④	⑤	⑥	⑦	⑧	⑨

#### ① Product ID

Product ID	
<b>BL</b>	Chip Ferrite Beads

#### ② Type

Code	Type
<b>A</b>	Array Type
<b>M</b>	Monolithic Type

#### ③ Dimensions (L×W)

Code	Dimensions (L×W)	EIA
<b>03</b>	0.6×0.3mm	0201
<b>15</b>	1.0×0.5mm	0402
<b>18</b>	1.6×0.8mm	0603
<b>2A</b>	2.0×1.0mm	0804
<b>21</b>	2.0×1.25mm	0805
<b>31</b>	3.2×1.6mm	1206
<b>41</b>	4.5×1.6mm	1806

#### ④ Characteristics/Applications

Code *1	Characteristics/Applications	Series
<b>AF</b>	for General Use	<b>BLM31/BLM41</b>
<b>AG</b>		<b>BLM03/BLM15/BLM18/BLM21/BLM31/BLA2A/BLA31</b>
<b>AJ</b>		<b>BLM21/BLM31</b>
<b>AH</b>		<b>BLM21</b>
<b>BA</b>	for High-speed Signal Lines	<b>BLM18</b>
<b>BB</b>		<b>BLM15/BLM18/BLM21/BLA2A</b>
<b>BD</b>		<b>BLM15/BLM18/BLM21/BLA31</b>
<b>BE</b>		<b>BLM31</b>
<b>PF</b>	for Power Supplies	<b>BLM41</b>
<b>PG</b>		<b>BLM18/BLM21/BLM31/BLM41</b>
<b>RK</b>	for Digital Interface	<b>BLM18/BLM21</b>
<b>HG</b>	for GHz Band General Use	<b>BLM18</b>
<b>EG</b>	for GHz Band General Use (Low DC Resistance type)	
<b>HB</b>	for GHz Band High-speed Signal Line	<b>BLM18</b>
<b>HD</b>		
<b>HK</b>	for GHz Band Digital Interface	<b>BLM18</b>
<b>GG</b>	for High-GHz Band General Use	<b>BLM18</b>

\*1 Frequency characteristics vary with each code.

#### ⑤ Packaging

Code	Packaging	Series
<b>K</b>	Plastic Taping (ø330mm Reel)	<b>BLM31/BLM41/BLM21</b> *1
<b>L</b>	Plastic Taping (ø180mm Reel)	
<b>B</b>	Bulk	All series
<b>J</b>	Paper Taping (ø330mm Reel)	<b>BLM15/BLM18/BLM21</b> *2 / <b>BLA31</b>
<b>D</b>	Paper Taping (ø180mm Reel)	<b>BLM03/BLM15/BLM18/BLM21</b> *2 / <b>BLA2A/BLA31</b>
<b>C</b>	Bulk Case	<b>BLM15/BLM18</b>

\*1 BLM21BD222SN1/BLM21BD272SN1 only.

\*2 Except BLM21BD222SN1/BLM21BD272SN1

#### ⑤ Impedance

Expressed by three figures. The unit is in ohm ( $\Omega$ ). The first and second figures are significant digits, and the third figure expresses the number of zeros which follow the two figures.

#### ⑥ Performance

Expressed by a letter.

Ex.)

Code	Performance
<b>S</b>	Sn Plating

#### ⑦ Category

Code	Category
<b>N</b>	Standard Type

#### ⑧ Number of Circuits

Code	Number of Circuits
<b>1</b>	1 Circuit
<b>4</b>	4 Circuits