

# BL   Chip Ferrite Bead Part Numbering

(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>	Ferrite Bead Single Type

## ③ Dimensions (L×W)

Code	Dimensions (L×W)	EIA
<b>02</b>	0.4×0.2mm	01005
<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 <sup>*1</sup>	Characteristics/Applications	Series
<b>AG</b>	for General Use	<b>BLM02/03/15/18/21, BLA2A/31</b>
<b>AX</b>		<b>BLM03/15</b>
<b>TG</b>		<b>BLM18</b>
<b>BA</b>	for High-speed Signal Lines	<b>BLM15/18</b>
<b>BB</b>		<b>BLM03/15/18/21, BLA2A</b>
<b>BC</b>		<b>BLM15</b>
<b>BD</b>		<b>BLM03/15/18/21, BLA2A/31</b>
<b>PD</b>	for Power Supplies	<b>BLM15</b>
<b>PG</b>		<b>BLM03/15/18/21/31/41</b>
<b>KG</b>	for Power Supplies (Low DC Resistance Type)	<b>BLM18</b>
<b>SG</b>		
<b>RK</b>	for Digital Interface	<b>BLM18/21</b>
<b>HG</b>	for GHz Band General Use	<b>BLM03/15/18</b>
<b>EG</b>	for GHz Band General Use (Low DC Resistance Type)	<b>BLM15/18</b>
<b>HB</b>	for GHz Band High-speed Signal Lines	<b>BLM15/18</b>
<b>HD</b>		<b>BLM18</b>
<b>HE</b>		<b>BLM18</b>
<b>HK</b>	for GHz Band Digital Interface	<b>BLM18</b>
<b>GA</b>	for High-GHz Band High-speed Signal Lines	<b>BLM15</b>
<b>GG</b>	for High-GHz Band General Use	<b>BLM15/18</b>

\*1 Frequency characteristics vary with each code.

## ⑨ Packaging

Code	Packaging	Series
<b>K</b>	Embossed Taping (ø330mm Reel)	<b>BLM21<sup>*1</sup>/31/41</b>
<b>L</b>	Embossed Taping (ø180mm Reel)	
<b>B</b>	Bulk	All Series
<b>J</b>	Paper Taping (ø330mm Reel)	<b>BLM03/15/18<sup>*3</sup>/21<sup>*2</sup>, BLA2A/31</b>
<b>D</b>	Paper Taping (ø180mm Reel)	<b>BLM02/03/15/18/21<sup>*2</sup>, BLA2A/31</b>

\*1 BLM21BD222SN1/BLM21BD272SN1 only.

\*2 Except BLM21BD222SN1/BLM21BD272SN1

\*3 Except BLM18T

## ⑤ Impedance

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

## ⑥ Electrode

Expressed by a letter.

Code	Electrode
<b>S/T</b>	Sn Plating
<b>A</b>	Au 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