

# BL Chip Ferrite Beads Part Numbering

(Part Number)

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

## ① Product ID

Product ID	
BL	Chip Ferrite Beads

## ② Type

Code	Type
A	Array Type
M	Ferrite Bead Single Type

## ③ Dimensions (L×W)

Code	Dimensions (L×W)	EIA
02	0.4×0.2mm	01005
03	0.6×0.3mm	0201
15	1.0×0.5mm	0402
18	1.6×0.8mm	0603
2A	2.0×1.0mm	0804
21	2.0×1.25mm	0805
31	3.2×1.6mm	1206
41	4.5×1.6mm	1806

## ④ Characteristics/Applications

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

<sup>\*1</sup> Frequency characteristics vary with each code.

## ⑨ Packaging

Code	Packaging	Series
K	Embossed Taping (ø330mm Reel)	BLM21 <sup>*1</sup> /31/41
L	Embossed Taping (ø180mm Reel)	
B	Bulk	All Series
J	Paper Taping (ø330mm Reel)	BLM03/15/18 <sup>*3</sup> /21 <sup>*2</sup> , BLA2A/31
D	Paper Taping (ø180mm Reel)	BLM02/03/15/18/21 <sup>*2</sup> , BLA2A/31
C	Bulk Case	BLM15/18

<sup>\*1</sup> BLM21BD222SN1/BLM21BD272SN1 only.

<sup>\*2</sup> Except BLM21BD222SN1/BLM21BD272SN1

<sup>\*3</sup> 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
S/T	Sn Plating
A	Au Plating

## ⑦ Category

Code	Category
N	Standard Type

## ⑧ Number of Circuits

Code	Number of Circuits
1	1 Circuit
4	4 Circuits