

# BL Chip Ferrite Bead Part Numbering

(Part Number) 

BL	M	18	AG	102	S	N	1	D
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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
E	DC Bias Characteristics Improved Type
M	Ferrite Bead Single Type
T	Assembly Type

## ③ Dimensions (LxW)

Code	Dimensions (LxW)	EIA
02	0.4x0.2mm	01005
03	0.6x0.3mm	0201
15	1.0x0.5mm	0402
18	1.6x0.8mm	0603
2A	2.0x1.0mm	0804
21	2.0x1.25mm	0805
31	3.2x1.6mm	1206
32	3.2x2.5mm	1210
41	4.5x1.6mm	1806
5B	5.0x5.0mm	2020

## ④ Characteristics/Applications

Code *1	Characteristics/Applications	Series
AG	For General Use	BLM03/15/18/21, BLA2A/31
AX		BLM02/03/15
TG		BLM18
BA	For High-speed Signal Lines	BLM15/18
BB		BLM02/03/15/18/21, BLA2A
BC		BLM02/03/15
BD		BLM03/15/18/21, BLA2A/31
BX		BLM02/03/15
KD	For Power Lines	BLM15
KG		BLM18
KN		BLM31
KX		BLM02KX
PD		BLM15
PG		BLM03/15/18/21/31/41
PN		BLE32
PS		BLE18
PX		BLM02/03/15
PT		BLT
SD		BLM18
SG		
SN		
RK	For Digital Interface	BLM18/21
HG	For GHz Band General Use	BLM03/15/18
EB	For GHz Band High-speed Signal Lines (Low Direct Current Type)	BLM03
EG	For GHz Band General Use (Low DC Resistance Type)	BLM15/18
EX		BLM15
HB	For GHz Band High-speed Signal Lines	BLM03/15/18
HD		BLM03/15/18
HE		BLM18
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

\*1 Frequency characteristics vary with each code.

Continued on the following page. ↗

## 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 that follow the two figures.

## ⑥ Electrode

Expressed by a letter.

Ex.)

Code	Electrode
S/F/T	Sn Plating
A	Au Plating
L	Lead Free Solder Plating

## ⑦ Category

Code	Category
N	For General

## ⑧ Number of Circuits

Code	Number of Circuits
1	1 Circuit
4	4 Circuits

## ⑨ Packaging

Code	Packaging	Series
K	Embossed Taping (ø330mm Reel)	BLE32, BLM21 <sup>*1</sup> /31K/31P/41
L	Embossed Taping (ø180mm Reel)	BLE32, BLM02B/02K/21 <sup>*1</sup> /31/41, BLT
B	Bulk	All Series <sup>*4</sup>
J	Paper Taping (ø330mm Reel)	BLE18, BLM03/15/18 <sup>*3</sup> /21 <sup>*2</sup> , BLA2A/31
D	Paper Taping (ø180mm Reel)	BLE18, BLM02/03/15/18/21 <sup>*2</sup> , BLA2A/31

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

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

<sup>\*3</sup> Except for BLM18T

<sup>\*4</sup> Except for BLM02BB

# NF Chip EMIFIL® Part Numbering

(Part Number)

NF	Z	32	BW	3R6	H	N	1	0	L
①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩

## ① Product ID

Product ID	
NF	Chip EMIFIL®

## ② Structure

Code	Structure
Z	Inductor Type

## ③ Dimensions (LxW)

Code	Dimensions (LxW)	EIA
15	1.0x0.5mm	0402
18	1.6x0.8mm	0603
2M	2.0x1.6mm	0806
2H	2.5x2.0mm	1008
32	3.2x2.5mm	1210
5B	5.0x5.0mm	2020

## ④ Features

Code	Features
SM	For Audio Lines Multilayer Type
SW	For Audio Lines Wire Wound Type
BW	For LED Lines Wire Wound Type
BM	For LED Lines Multilayer Type
SG	For Audio Lines Multilayer Type (For GHz Band Use)

## 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 that follow the two figures.

## ⑥ Inductance Tolerance

Code	Features
S	For General Use (Sn Plating)
H	For General Use (LF Solder) * <sup>1</sup>
L	For General Use (LF Solder)

\*<sup>1</sup> NFZ32SW/32BW\_H□1 only.

## ⑦ Category

Code	Category
N	For General

## ⑧ Number of Circuits

Code	Number of Circuits
1	1 Circuit

## ⑨ Specification

Code	Specification
0	Standard Type
1	Low Rdc Type

## ⑩ Packaging

Code	Packaging	Series
K	Embossed Taping (ø330mm Reel)	NFZ32/5B
L	Embossed Taping (ø180mm Reel)	NFZ2H/2M/32/5B
B	Bulk	NFZ15/18/2H/2M
D	Paper Taping (ø180mm Reel)	NFZ15/18