

BL Chip Ferrite Bead Part Numbering



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)	Size Code (inch)
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		BLM15	
KG	BLM18		
KN	BLM31		
KX	BLM02KX		
PD	BLM15		
PG	BLM03/15/18/21/31/41		
PN	For Power Lines	BLE32	
PS		BLE18	
PX		BLM02/03/15	
PT		BLT	
SD		BLM18	
SG		BLM18/21/31	
SN		BLM21	
SP		BLM18/21	
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.

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5 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.

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 (\varnothing 330mm Reel)	BLE32, BLM21 ^{*1} /31K/31P/41
L	Embossed Taping (\varnothing 180mm Reel)	BLE32, BLM02B/02K/21 ^{*1} /31/41, BLT
B	Bulk	All Series ^{*4}
J	Paper Taping (\varnothing 330mm Reel)	BLE18, BLM03/15/18 ^{*3} /21 ^{*2} , BLA2A/31
D	Paper Taping (\varnothing 180mm Reel)	BLE18, BLM02/03/15/18/21 ^{*2} , BLA2A/31

^{*1} BLM21BD222SN1/BLM21BD272SN1 only.

^{*2} Except for BLM21BD222SN1/BLM21BD272SN1

^{*3} Except for BLM18T

^{*4} Except for BLM02BB

NF Chip EMIFIL® Part Numbering



① Product ID

Product ID	
NF	Chip EMIFIL®

② Structure

Code	Structure
Z	Inductor Type

③ Dimensions (LxW)

Code	Dimensions (LxW)	Size Code (inch)
03	0.6x0.3mm	0201
15	1.0x0.5mm	0402
18	1.6x0.8mm	0603
2M	2.0x1.6mm	0806
2H	2.5x2.0mm	S0580E1008
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 (Ω). 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) *1
L	For General Use (LF Solder)

*1 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	NFZ03/15/18/2H/2M
D	Paper Taping (ø180mm Reel)	NFZ03/15/18