



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

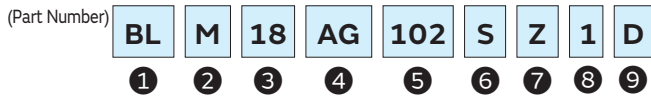
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BL Chip Ferrite Bead for Automotive Part Numbering



① Product ID

Product ID	
BL	Chip Ferrite Beads

② Type

Code	Type
E	DC Bias Characteristics Improved Type
M	Ferrite Bead Single Type

③ Dimensions (LxW)

Code	Dimensions (LxW)	EIA
03	0.6x0.3mm	0201
15	1.0x0.5mm	0402
18	1.6x0.8mm	0603
21	2.0x1.25mm	0805
31	3.2x1.6mm	1206
32	3.2x2.5mm	1210
41	4.5x1.6mm	1806

④ Characteristics/Applications

Code ^{*1}	Characteristics/Applications	Series	
AG	For General Use	BLM03/15/18/21	
AX		BLM03/15	
BA	For High-speed Signal Lines	BLM15/18	
BB		BLM03/15/18/21	
BC		BLM03/15	
BD		BLM03/15/18/21	
BX		BLM15	
KG		For Power Lines	BLM18
KN			BLM31
PD	BLM15		
PG	BLM03/15/18/21/31/41		
PN	BLE32		
PX	BLM03/15		
SG	BLM18		
SN			
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	
HB	For GHz Band High-speed Signal Lines	BLM03/15/18	
HD		BLM03/15/18	
HE		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.

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/B/J	Sn Plating
A	Au Plating
W	Ag/Pd

⑦ Category

Code	Category	
Z	For Automotive	Infotainment
H		Powertrain, Safety

⑧ Number of Circuits

Code	Number of Circuits
1	1 Circuit

Continued on the following page. ↗

⑨ Packaging

Code	Packaging	Series
K	Embossed Taping (ø330mm Reel)	BLE, BLM21^{*1}/31A/31K/31P/41
L	Embossed Taping (ø180mm Reel)	BLE, BLM21^{*1}/31/41
B	Bulk	All Series
J	Paper Taping (ø330mm Reel)	BLM03/15/18^{*2}/21^{*3}
D	Paper Taping (ø180mm Reel)	BLM03/15/18/21^{*3}

^{*1} BLM21BD222S□1/BLM21BD272S□1 only.

^{*2} Except for BLM18KG_JH1/_BH1/BLM18BD_BH1/BLM18AG_BH1

^{*3} Except for BLM21BD222S□1/BLM21BD272S□1

NF Chip EMIFIL[®] for Automotive Part Numbering

(Part Number) **NF** **Z** **32** **BW** **3R6** **H** **Z** **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
18	1.6x0.8mm	0603
32	3.2x2.5mm	1210
5B	5.0x5.0mm	2020

④ Features

Code	Features
SM	For Audio Lines Multilayer Type
BW	For LED Lines Wire Wound Type

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} NFZ32BW_H□1 only.

⑦ Category

Code	Category	
Z	For Automotive	Infotainment

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 (\varnothing 330mm Reel)	NFZ32/5B
L	Embossed Taping (\varnothing 180mm Reel)	NFZ32/5B
B	Bulk	NFZ18
D	Paper Taping (\varnothing 180mm Reel)	NFZ18