Part Numbering

Chip Ferrite Bead

(Part Number)

BL	M	18	AG	102	S	N	1	D
❶	❷	❸	❹	❺	❻	❼	❽	❾

❶Product ID

Product ID	
BL	Chip Ferrite Beads

❷Type

Code	Type
A	Array Type
E	DC Bias Characteristics Improved Type
M	Ferrite Bead Single Type
T	Assembly Type

❹Characteristics/Applications

Code *1	Characteristics/Applications
AG	For General Use
AX	
TG	
BA	For High-speed Signal Lines
BB	
BC	
BD	
BX	
KD	For Power Lines
KG	
KN	
KX	
PD	
PG	
PN	
PS	
PX	
PT	
SD	
SG	
SN	
SP	
RK	For Digital Interface
HG	For GHz Band General Use
EB	For GHz Band High-speed Signal Lines (Low Direct Current Type)
EG	For GHz Band General Use (Low DC Resistance Type)
EX	
HB	For GHz Band High-speed Signal Lines
HD	
HE	
HK	For GHz Band Digital Interface
GA	For High-GHz Band High-speed Signal Lines
GG	For High-GHz Band General Use
DN	For High-GHz Band General Use (Low Direct Current Type)

*1 Frequency characteristics vary with each code.

❸Dimensions (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

❺Impedance

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.

❻Electrode

Expressed by a letter.

Ex.)

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

❼Category

Code	Category
N	For General

❽Number of Circuits

Code	Number of Circuits
1	1 Circuit
4	4 Circuits

❾Packaging

Code	Packaging
K	Embossed Taping (ø330mm Reel)
L	Embossed Taping (ø180mm Reel)
B	Bulk
J	Paper Taping (ø330mm Reel)
D	Paper Taping (ø180mm Reel)