BL□ Chip Ferrite Bead Part Numbering

(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
M	Ferrite Bead Single Type

❸Dimensions (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

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 which follow the two figures.

❻Electrode

Expressed by a letter.

Ex.)

Code	Electrode
S/T	Sn Plating
A	Au Plating

❼Category

Code	Category
N	Standard Type

❽Number of Circuits

Code	Number of Circuits
1	1 Circuit
4	4 Circuits

❹Characteristics/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		BLM03/15/18/21, BLA2A
BC		BLM03/15
BD		BLM03/15/18/21, BLA2A/31
BX		BLM15
PD	for Power Supplies	BLM15
PG		BLM03/15/18/21/31/41
PX		BLM03/15
KG	for Power Supplies (Low DC Resistance Type)	BLM18
SG		
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
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.

❾Packaging

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

*1 BLM21BD222SN1/BLM21BD272SN1 only. *2 Except BLM21BD222SN1/BLM21BD272SN1 *3 Except BLM18T