

Excellent Integrated System Limited

Stocking Distributor

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[Murata Electronics North America](#)
[BLM18RK471SN1D](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

BL Chip Ferrite Bead Part Numbering

(Part Number)

BL	M	18	AG	102	S	N	1	D
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

③ Dimensions (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
32	3.2×2.5mm	1210
41	4.5×1.6mm	1806

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		BLM03/15/18/21, BLA2A
BC		BLM03/15
BD		BLM03/15/18/21, BLA2A/31
BX		BLM02/15
PD		BLM15
PG	For Power Lines	BLM03/15/18/21/31/41
PN		BLE32
PX		BLM03/15
KG	For Power Lines (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.

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/T	Sn Plating
	A	Au Plating

⑦ Category

Category		
Code	Category	
N	For General	
Z	For Automotive	Infotainment
H		Powertrain, Safety

⑧ Number of Circuits

Code	Number of Circuits
1	1 Circuit
4	4 Circuits

BL□ Chip Ferrite Bead Part Numbering

⑨ Packaging

Code	Packaging	Series
K	Embossed Taping (ø330mm Reel)	BLE, 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 for BLM21BD222SN1/BLM21BD272SN1

^{*3} Except for BLM18T