

● Part Numbering

Chip Ferrite Beads for Automotive

(Part Number)

BL	M	18	AG	102	S	H	1	D
①	②	③	④	⑤	⑥	⑦	⑧	⑨

① Product ID

Product ID	
BL	Chip Ferrite Beads

② Type

Code	Type
M	Monolithic Type

③ Dimensions (L×W)

Code	Dimensions (L×W)	EIA
15	1.0×0.5mm	0402
18	1.6×0.8mm	0603
21	2.0×1.25mm	0805
31	3.2×1.6mm	1206
41	4.5×1.6mm	1806

④ Characteristics/Applications

Code *1	Characteristics/Applications	Series
AG	for General Use	BLM15/18/21/31
AJ		
BA	for High-speed Signal Lines	BLM18
BB		BLM15/18/21
BD		
PG		for Power Supplies
HG	for GHz Band General Use	BLM18
EG	for GHz Band General Use (Low DC Resistance Type)	
HD	for GHz Band High-speed Signal Lines	

*1 Frequency characteristics vary with each code.

⑨ Packaging

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)	BLM15/18/21 *2
D	Paper Taping (ø180mm Reel)	

*1 BLM21BD222SH1/BLM21BD272SH1 only.

*2 Except for BLM21BD222SH1/BLM21BD272SH1

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 which follow the two figures.

⑥ Electrode

Expressed by a letter.

Ex.)

Code	Electrode
S/T	Sn Plating
W	Ag/Pd

⑦ Category

Code	Category
H	for Automotive

⑧ Number of Circuits

Code	Number of Circuits
1	1 Circuit