

BLM03HG102SZ1#

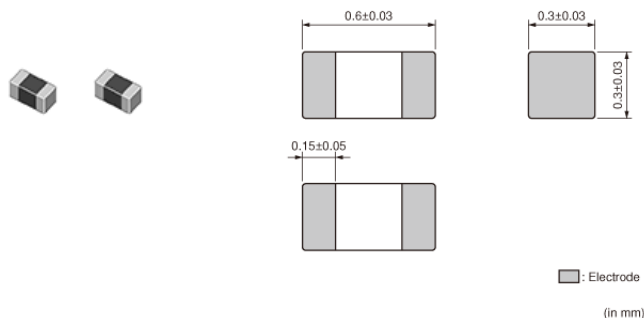
“#” indicates a package specification code.



< List of part numbers with package codes >

BLM03HG102SZ1D BLM03HG102SZ1J BLM03HG102SZ1B

Appearance & Shape



Features

1. Horizontal winding inner coil structure enables low storage capacitance which result to high noise suppression performance up to 1GHz frequency range.
2. The small size of BLM03H series (0.6x0.3mm) is suitable for noise suppression in small equipment such as cellular phones.

Applications

Automotive Usage	Infotainment
------------------	--------------

Packaging Information

Packaging	Specifications	Minimum Order Quantity
D	180mm Paper Tape	15000
J	330mm Paper Tape	50000
B	Bulk(Bag)	1000

Attention

1.This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.
2.This datasheet has only typical specifications because there is no space for detailed specifications.
Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

BLM03HG102SZ1#

“#” indicates a package specification code.



Specifications

Shape	SMD	Mass(typ.)	0.0003g
Size Code (in mm)	0603	Number of Circuit	1
Size Code (in inch)	0201		
Length	0.6mm		
Length Tolerance	±0.03mm		
Width	0.3mm		
Width Tolerance	±0.03mm		
Thickness	0.3mm		
Thickness Tolerance	±0.03mm		
Impedance (at 100MHz)	1000Ω		
Impedance (at 100MHz) Tolerance	±25%		
Impedance (at 1GHz)	1800Ω		
Impedance (at 1GHz) Tolerance	±40%		
Rated Current (at 85°C)	125mA		
Rated Current (at 125°C)	125mA		
DC Resistance(max.)	2.6Ω		
Operating Temperature Range	-55°C to 125°C		

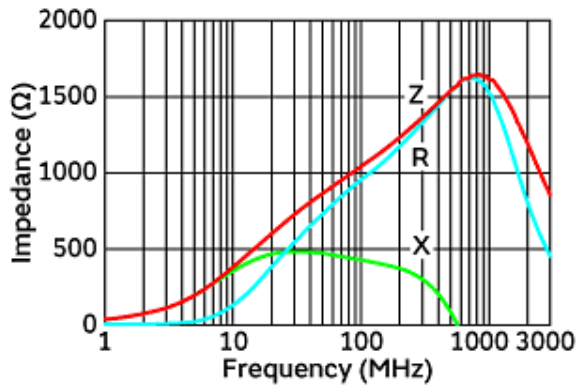
Attention

- 1.This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.
- 2.This datasheet has only typical specifications because there is no space for detailed specifications.
Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

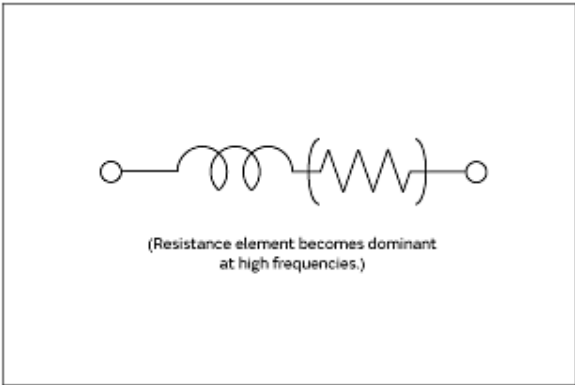
BLM03HG102SZ1#

“#” indicates a package specification code.

Product Data



Impedance-Frequency Characteristics



Equivalent Circuit

Attention

1.This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.
2.This datasheet has only typical specifications because there is no space for detailed specifications.
Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.