

BLM03HG102SN1D

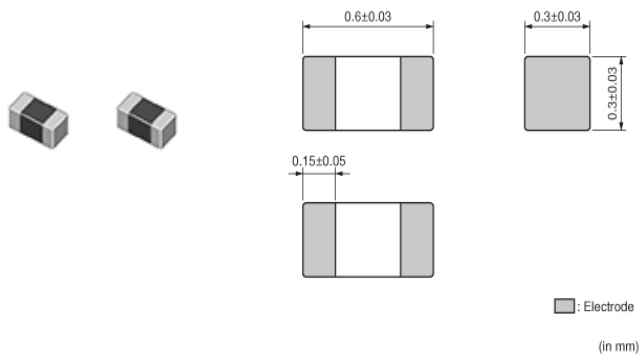
“#” indicates a package specification code.



< List of part numbers with package codes >

BLM03HG102SN1D BLM03HG102SN1J BLM03HG102SN1B

Appearance & Shape



Packaging Information

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

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.

■Application

1. Intra-system EMC in cellular phones.
2. EMI countermeasure of cellular phones.
3. Keyed carrier noise countermeasure for cellular phones.
4. EMI countermeasure of NotePC/MID, and DSC

Applications

Other Usage	For general
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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.

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Specifications

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

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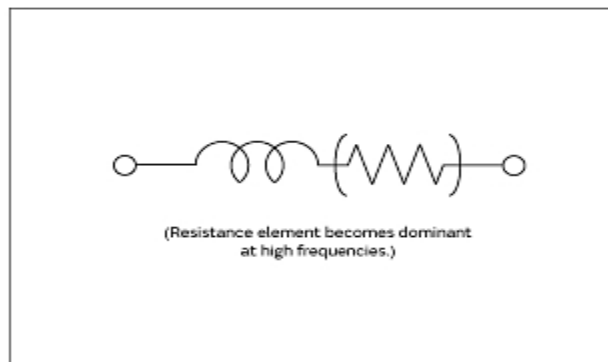
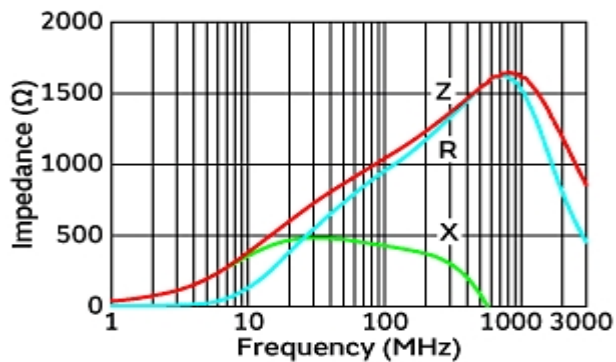
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Product Data



Impedance-Frequency Characteristics

Equivalent Circuit

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