

BLM03HG601SH1#

“#” indicates a package specification code.

In Production

AEC-Q200

RoHS

REACH

< List of part numbers with package codes >

BLM03HG601SH1B

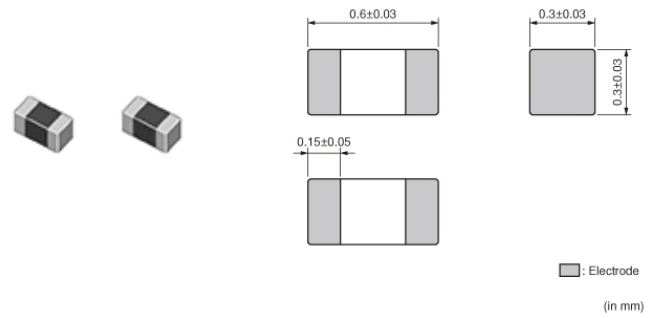
BLM03HG601SH1D

BLM03HG601SH1J

Applications

Unsuitable Applications	Please be sure to read and comply with these "Precautions for use."
Specific Applications	Automotive powertrain/safety equipment, Automotive infotainment/comfort equipment, Consumer equipment, Medical equipment [GHF A/B/C] except for implant & surgery & auto injector, Industrial equipment except for transportation & facility & energy equipment Please refer to Our Website and specifications, etc. for information about the performance, functions, quality, management, and safety required for the above applications, and use Products after confirming the performance and reliability of the actual Product.
Recommended Applications	Automotive powertrain/safety equipment

Appearance & Shape



Packaging Information

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

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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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.

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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)	150mA
Rated Current (at 125°C)	150mA
DC Resistance(max.)	1.6Ω
Impedance (at 100MHz)	600Ω
Impedance (at 100MHz) Tolerance	±25%
Impedance (at 1GHz)	1000Ω
Impedance (at 1GHz) Tolerance	±40%
Size Code (in mm)	0603

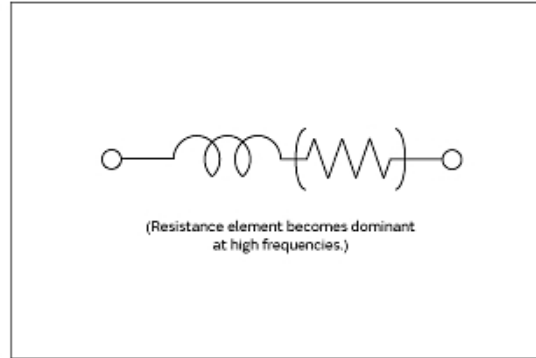
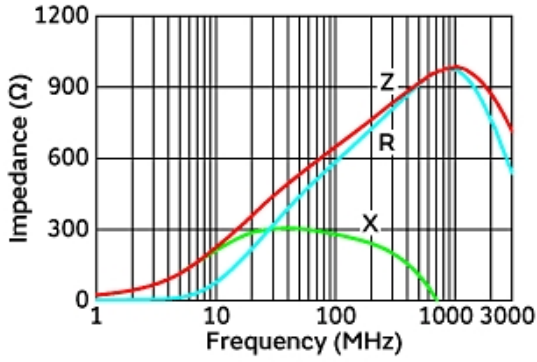
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Product Data



Impedance-Frequency Characteristics

Equivalent Circuit

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