

# BLM03BB121SN1#

“#” indicates a package specification code.

In Production

RoHS

REACH

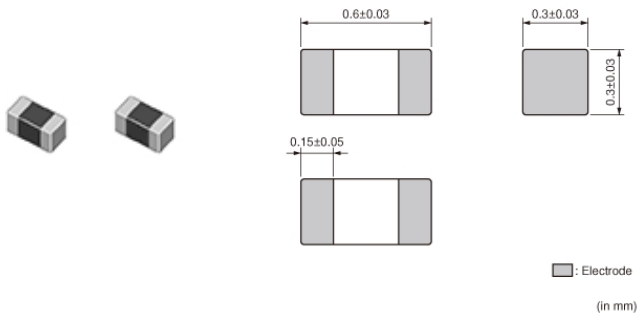
## < List of part numbers with package codes >

BLM03BB121SN1B

BLM03BB121SN1D

BLM03BB121SN1J

## Appearance & Shape



## Packaging Information

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

## Applications

|             |             |
|-------------|-------------|
| Other Usage | For general |
|-------------|-------------|

### 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

The chip ferrite beads BLM series is designed to work nearly as a resistor at noise frequencies, which greatly reduces the possibility of resonance and leaves signal wave forms undistorted.

BLM series is effective in circuits without stable ground lines because BLM series does not need a connection to ground.

BLM\_B series can minimize attenuation of the signal waveform due to its sharp impedance characteristics. Various impedances are available to match signal frequency.

The small size of BLM03B series (0.6x0.3mm) is suitable for advanced high-density mounting, and is followed on a miniaturization of digital equipment, or module of a functional portion.

The nickel barrier structure of the external electrodes provides excellent solder heat resistance.

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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)         | 100mA          |
| Rated Current (at 125°C)        | 100mA          |
| DC Resistance(max.)             | 1.5Ω           |
| Impedance (at 100MHz)           | 120Ω           |
| Impedance (at 100MHz) Tolerance | ±25%           |
| Size Code (in mm)               | 0603           |

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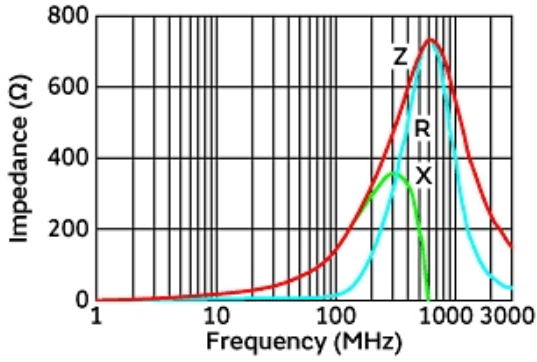
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## Product Data



Impedance-Frequency Characteristics

Equivalent Circuit

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