

# BLM03HB191SZ1#

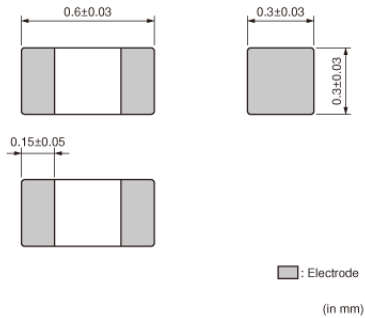
“#” indicates a package specification code.



< List of part numbers with package codes >

BLM03HB191SZ1D BLM03HB191SZ1J BLM03HB191SZ1B

## Appearance & Shape



## Features

1. Horizontal winding inner coil structure enables low storage capacitance which result to high noise suppression performance. Effective in LTE range up to 2.6GHz from 700MHz.
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.

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## 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)           | 190Ω           |                   |         |
| Impedance (at 100MHz) Tolerance | ±25%           |                   |         |
| Impedance (at 1GHz)             | 1150Ω          |                   |         |
| Impedance (at 1GHz) Tolerance   | ±40%           |                   |         |
| Rated Current (at 85°C)         | 150mA          |                   |         |
| Rated Current (at 125°C)        | 150mA          |                   |         |
| DC Resistance(max.)             | 2Ω             |                   |         |
| Operating Temperature Range     | -55°C to 125°C |                   |         |

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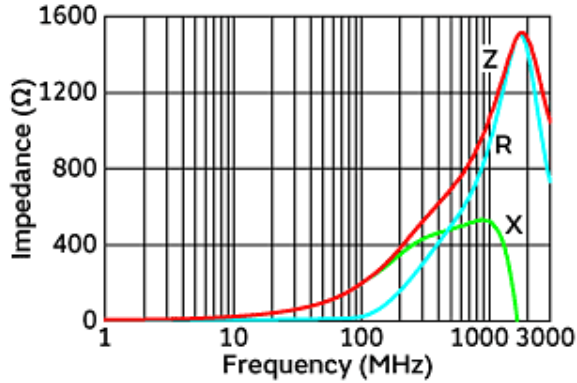
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## Product Data



Impedance-Frequency Characteristics



Equivalent Circuit

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