Note: This datasheet may be out of date.

Please download the latest datasheet of BLM15BB100SZ1# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-us/products/productdetail?partno=BLM15BB100SZ1%23

# BLM15BB100SZ1#

"#" indicates a package specification code.

In Production | AEC-Q200 | RoHS | REACH

## < List of part numbers with package codes >

BLM15BB100SZ1B          BLM15BB100SZ1D          BLM15BB100SZ1J

## Appearance & Shape



0.25±0.1
0.5±0.05
1.0±0.05
0.5±0.05

■ : Electrode

(in mm)
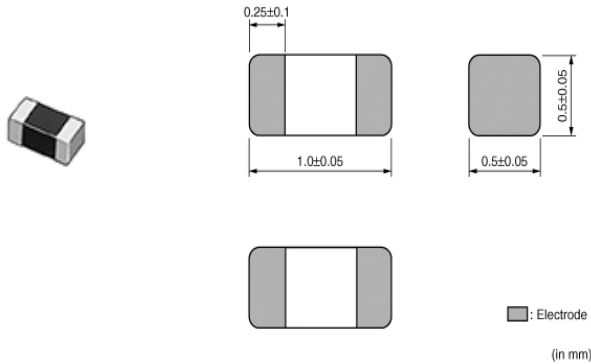
## Packaging Information

| Packaging | Specifications | Standard Packing Quantity |
|---|---|---|
| B | Bulk(Bag) | 1000 |
| D | 180mm Paper Tape | 10000 |
| J | 330mm Paper Tape | 50000 |

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

## Applications

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

**Attention**

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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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# BLM15BB100SZ1#

"#" indicates a package specification code.

## Specifications

| Shape | SMD |
|---|---|
| Size Code (in inch) | 0402 |
| Length | 1.0mm |
| Length　Tolerance | ±0.05mm |
| Width | 0.5mm |
| Width Tolerance | ±0.05mm |
| Thickness | 0.5mm |
| Thickness　Tolerance | ±0.05mm |
| Operating Temperature Range | -55℃ to 125℃ |
| Mass(typ.) | 0.001g |
| Number of Circuit | 1 |
| Rated Current (at 85℃) | 300mA |
| Rated Current (at 125℃) | 300mA |
| DC Resistance(max.) | 0.1Ω |
| Impedance (at 100MHz) | 10Ω |
| Impedance (at 100MHz) Tolerance | ±25% |
| Size Code (in mm) | 1005 |

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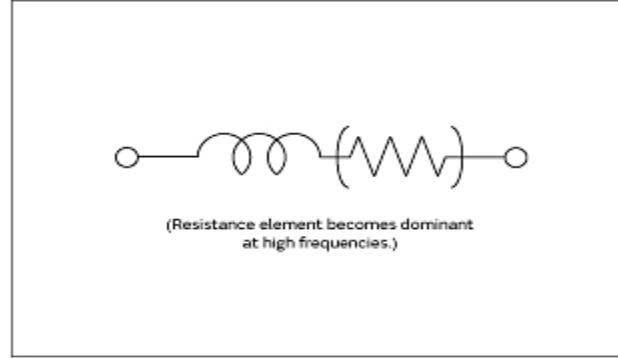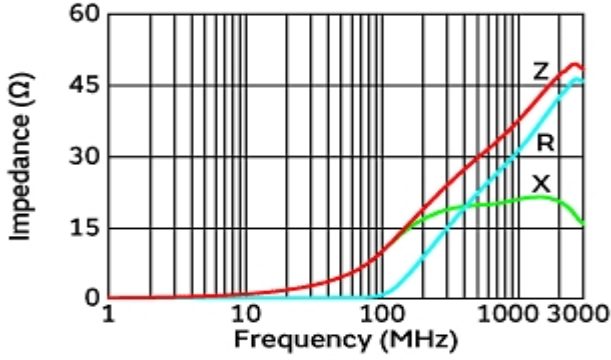
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# BLM15BB100SZ1#

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## Product Data



Impedance-Frequency Characteristics



Equivalent Circuit

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