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# BLM15BB100SZ1#

"#"at the end indicates the package specification code.

In Production | AEC-Q200 | RoHS | REACH

< List of part numbers with package codes >

BLM15BB100SZ1B BLM15BB100SZ1D BLM15BB100SZ1J

## Applications

| | |
|---|---|
| Unsuitable Applications | Please be sure to read and comply with these "Precautions for use." |
| Specific Applications | Automotive infotainment/comfort equipment,Consumer equipment, Medical equipment [GHTF A/B/C] except for implant & surgery & auto injector,Industrial equipment except for transportation & facility & energy equipment<br>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 infotainment/comfort equipment |

## Packaging Information

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

## Features

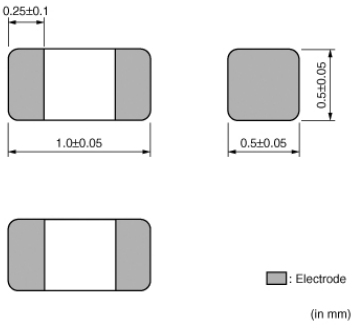
The chip ferrite beads BLM series is designed to work nearly as a resistor at noise frequencies, which greatly reduces the possibility of resonance and leaves signal wave forms undistorted.
BLM series is effective in circuits without stable ground lines because BLM series does not need a connection to 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.

## Appearance & Shape








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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#

"#"at the end indicates the 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 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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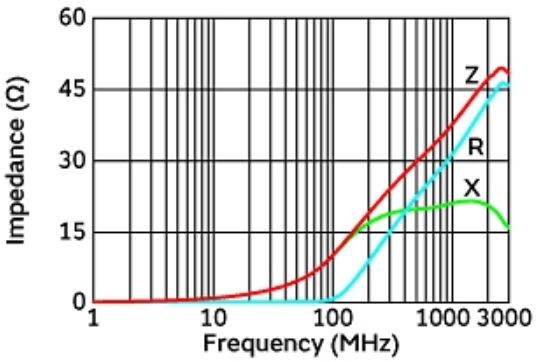
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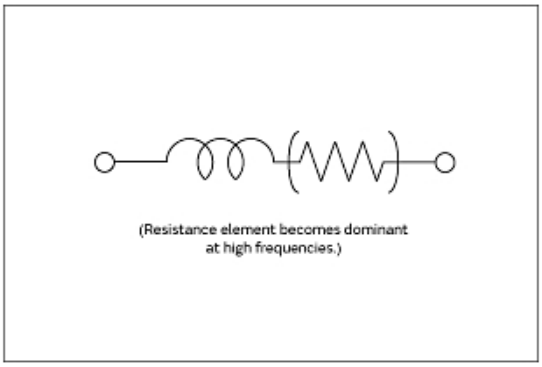
# BLM15BB100SZ1#

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## Product Data




Impedance-Frequency Characteristics




Equivalent Circuit



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