

BLM18BD252SN1#

Note: This datasheet may be out of date.

Please download the latest datasheet of BLM18BD252SN1# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=BLM18BD252SN1%23

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







< List of part numbers with package codes >

BLM18BD252SN1B

BLM18BD252SN1D

BLM18BD252SN1J



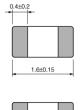
Applications

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



Appearance & Shape











(in mm)



Packaging Information

| Packaging | Specifications | Standard Packing Quantity |
|-----------|------------------|---------------------------|
| В | Bulk(Bag) | 1000 |
| D | 180mm Paper Tape | 4000 |
| J | 330mm Paper Tape | 10000 |



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.

1 of 3

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Specifications

| Shape | SMD |
|---------------------------------|----------------|
| Size Code (in inch) | 0603 |
| Length | 1.6mm |
| Length Tolerance | ±0.15mm |
| Width | 0.8mm |
| Width Tolerance | ±0.15mm |
| Thickness | 0.8mm |
| Thickness Tolerance | ±0.15mm |
| Operating Temperature Range | -55°C to 125°C |
| Mass(typ.) | 0.005g |
| Number of Circuit | 1 |
| Rated Current (at 125°C) | 150mA |
| DC Resistance(max.) | 1.5Ω |
| Impedance (at 100MHz) | 2500Ω |
| Impedance (at 100MHz) Tolerance | ±25% |
| Size Code (in mm) | 1608 |

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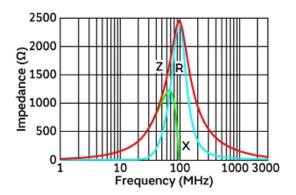
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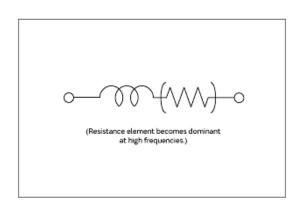
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Impedance-Frequency Characteristics

Equivalent Circuit

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