

Product Search Data Sheet

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http://www.murata.com/en/products/productdetail?partno=BLM15BD102SN1%23

"#" indicates a package specification code.

BLM15BD102SN1#







< List of part numbers with package codes >

BLM15BD102SN1B

BLM15BD102SN1D

BLM15BD102SN1J



Appearance & Shape













Applications

Other Usage For general



Packaging Information

Packaging	Specifications	Standard Packing Quantity
В	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.

1 of 3

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- 2. This datasheet has only typical specifications because there is no space for detailed specifications
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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°C to 125°C
Mass(typ.)	0.001g
Number of Circuit	1
Rated Current (at 85°C)	200mA
Rated Current (at 125°C)	200mA
DC Resistance(max.)	0.9Ω
Impedance (at 100MHz)	1000Ω
Impedance (at 100MHz) Tolerance	±25%
Size Code (in mm)	1005

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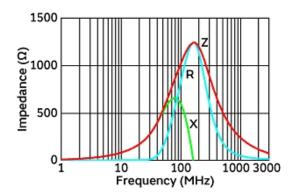
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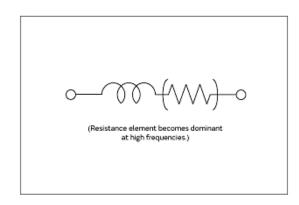
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Impedance-Frequency Characteristics

Equivalent Circuit

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