muRata INNOVATOR IN ELECTRONICS

Product Search Data Sheet

Note: This datasheet may be out of date.

Please download the latest datasheet of BLM15BD152SN1# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-us/products/productdetail?partno=BLM15BD152SN1%23

BLM15BD152SN1#

"#" indicates a package specification code.
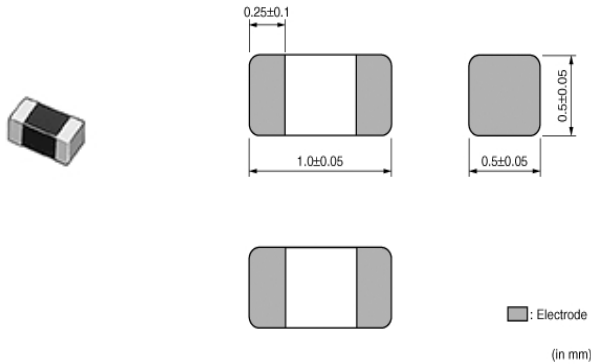
In Production **RoHS** **REACH**

< List of part numbers with package codes >

BLM15BD152SN1J   BLM15BD152SN1B   BLM15BD152SN1D

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
J	330mm Paper Tape	50000
B	Bulk(Bag)	1000
D	180mm 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.

Applications

Other Usage	For general

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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℃ to 125℃
Mass(typ.)	0.001g
Number of Circuit	1
Rated Current (at 85℃)	190mA
Rated Current (at 125℃)	190mA
DC Resistance(max.)	1Ω
Impedance (at 100MHz)	1500Ω
Impedance (at 100MHz) Tolerance	±25%
Size Code (in mm)	1005

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.
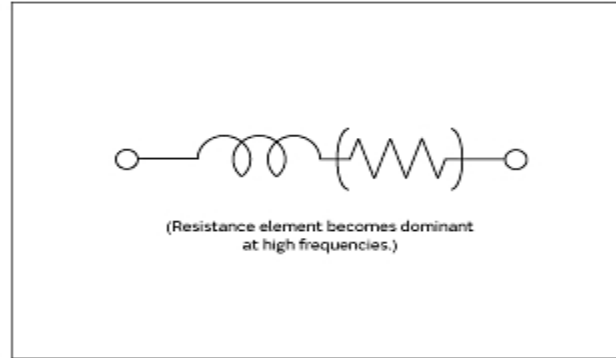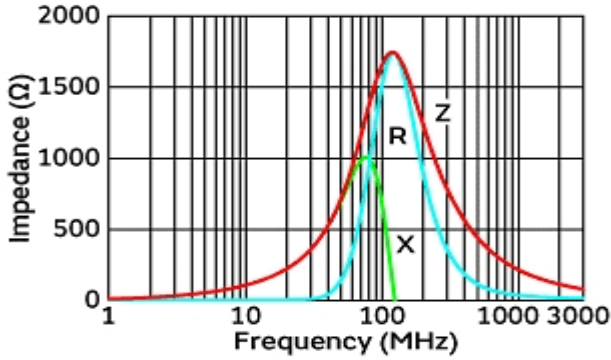
2.This datasheet has only typical specifications because there is no space for detailed specifications.
Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

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Product Data

Impedance-Frequency Characteristics

(Resistance element becomes dominant at high frequencies.)

Equivalent Circuit

URL : https://www.murata.com/

Last updated01/26/2021