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Product Search Data Sheet

Note: This datasheet may be out of date.
Please download the latest datasheet of BLM15BA100SN1# from the official website of Murata Manufacturing Co., Ltd.
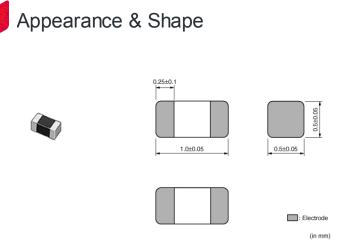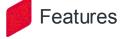https://www.murata.com/en-global/products/productdetail?partno=BLM15BA100SN1%23

BLM15BA100SN1#

"#" indicates a package specification code.

In Production RoHS REACH

< List of part numbers with package codes >

BLM15BA100SN1J BLM15BA100SN1B BLM15BA100SN1D

Appearance & Shape

0.25±0.1
1.0±0.05
0.5±0.06
0.5±0.05

▨ : Electrode

(in mm)

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

Packaging Information

Packaging	Specifications	Minimum Order Quantity
J	330mm Paper Tape	50000
B	Bulk(Bag)	1000
D	180mm Paper Tape	10000

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Last updated : 2019/09/05

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Specifications

Shape	SMD
Size Code (in mm)	1005
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
Impedance (at 100MHz)	10Ω
Impedance (at 100MHz) Tolerance	±25%
Rated Current (at 85℃)	300mA
Rated Current (at 125℃)	300mA
DC Resistance(max.)	0.2Ω
Operating Temperature Range	-55℃ to 125℃
Mass(typ.)	0.001g
Number of Circuit	1

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Product Data

Impedance-Frequency Characteristics

(Resistance element becomes dominant at high frequencies.)

Equivalent Circuit

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