

Note: This datasheet may be out of date. Please download the latest datasheet of BLM15BB470SZ1# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-gb/products/productdetail?partno=BLM15BB470SZ1%23

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

In Production AEC-Q200 RoHS REACH

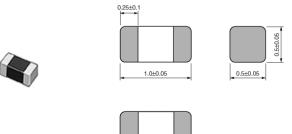
BLM15BB470SZ1#

< List of part numbers with package codes > BLM15BB470SZ1B BLM15BB470SZ1D BLM15BB470SZ1J

Applications

	*
Unsuitable	Please be sure to read and comply with
Applications	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
	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	Automotive infotainment/comfort
Applications	equipment

Appearance & Shape



Electrode (in mm)



# **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

#### Attention

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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.

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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 125°C)	300mA
DC Resistance(max.)	0.35Ω
Impedance (at 100MHz)	47Ω
Impedance (at 100MHz) Tolerance	±25%
Size Code (in mm)	1005

2 of 3

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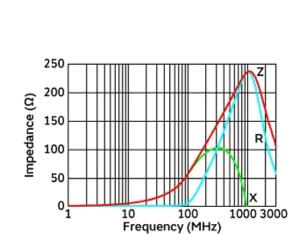
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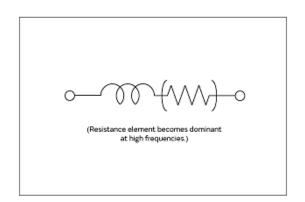
**Product Data** 

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Impedance-Frequency Characteristics

**Equivalent Circuit** 

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3 of 3