BLM15KD200SN1#

"#" indicates a package specification code.

In Production   RoHS   REACH
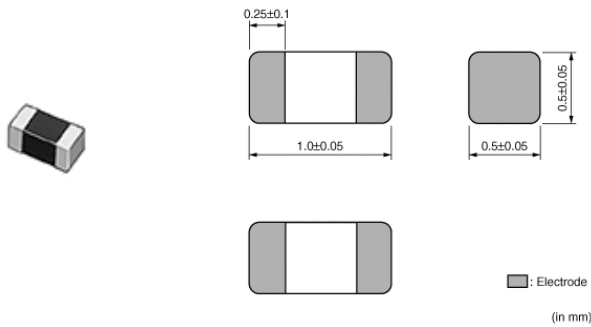
< List of part numbers with package codes >

BLM15KD200SN1B   BLM15KD200SN1D   BLM15KD200SN1J

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
B	Bulk(Bag)	1000
D	180mm Paper Tape	10000
J	330mm Paper Tape	50000

Features

1. The chip ferrite beads BLM series is designed to function 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.
2. The nickel barrier structure of the external electrodes provides excellent solder heat resistance.
3. BLM15 maximum rated current 3.8A.
It is effective in noise reduction at the communication frequency of 700MHz.

Applications

Other Usage	For general

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Note: This datasheet may be out of date.

Please download the latest datasheet of BLM15KD200SN1# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-gb/products/productdetail?partno=BLM15KD200SN1%23

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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℃)	3.8A
Rated Current (at 125℃)	2.35A
DC Resistance(max.)	0.011Ω
Impedance (at 100MHz)	20Ω
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.
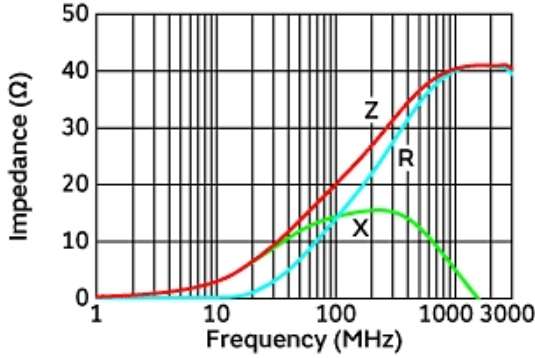
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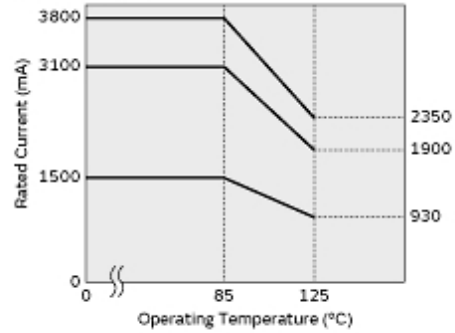# BLM15KD200SN1#

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Product Data

Impedance-Frequency Characteristics

In operating temperature exceeding +85°C, derating of current is necessary for BLM15KD_SN1 series.
Please apply the derating curve shown in chart according to the operating temperature.

Derating of Rated Current

(Resistance element becomes dominant at high frequencies.)

Equivalent Circuit

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