BLM21AG221SN1#

"#" indicates a package specification code.

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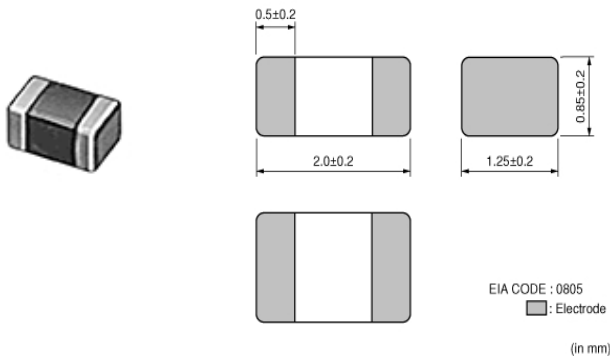
< List of part numbers with package codes >

| BLM21AG221SN1B | BLM21AG221SN1D | BLM21AG221SN1J |

Appearance & Shape

0.5±0.2

0.85±0.2

2.0±0.2

1.25±0.2

EIA CODE : 0805

☐ : Electrode

(in mm)

Packaging Information

Packaging	Specifications	Standard Packing Quantity
B	Bulk(Bag)	1000
D	180mm Paper Tape	4000
J	330mm Paper Tape	10000

Features

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.
The nickel barrier structure of the external electrodes provides excellent solder heat resistance.
BLM_A series generates an impedance from the relatively low frequencies. Therefore BLM_A series is effective in noise suppression in a wide frequency range (30MHz to several hundred MHz).

Applications

Other Usage	For general

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 Search Data Sheet

Note: This datasheet may be out of date.

Please download the latest datasheet of BLM21AG221SN1# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=BLM21AG221SN1%23

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Specifications

Shape	SMD
Size Code (in inch)	0805
Length	2.0mm
Length　Tolerance	±0.2mm
Width	1.25mm
Width Tolerance	±0.2mm
Thickness	0.85mm
Thickness　Tolerance	±0.2mm
Operating Temperature Range	-55℃ to 125℃
Mass(typ.)	0.01g
Number of Circuit	1
Rated Current (at 85℃)	900mA
Rated Current (at 125℃)	900mA
DC Resistance(max.)	0.12Ω
Impedance (at 100MHz)	220Ω
Impedance (at 100MHz) Tolerance	±25%
Size Code (in mm)	2012

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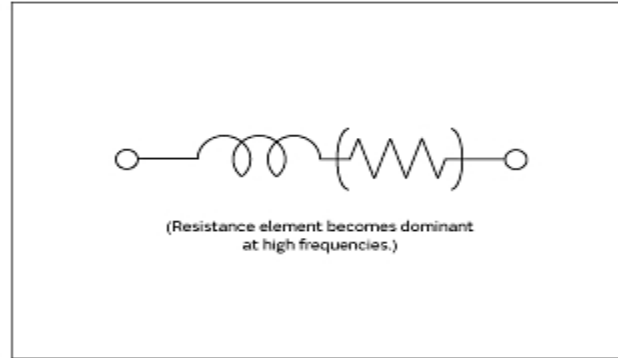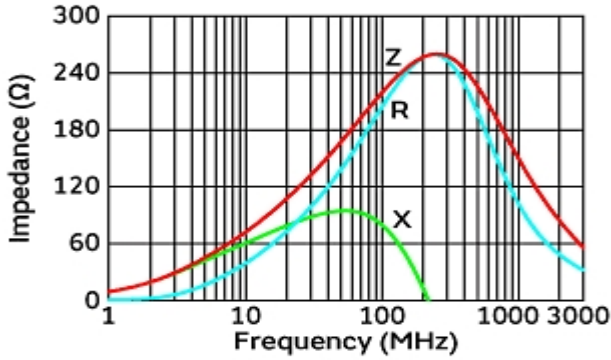
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Product Data

Impedance-Frequency Characteristics

(Resistance element becomes dominant at high frequencies.)

Equivalent Circuit

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