muRata
INNOVATOR IN ELECTRONICS

Product Search Data Sheet

Note: This datasheet may be out of date.
Please download the latest datasheet of BLM15AG221SN1# from the official website of Murata Manufacturing Co., Ltd.
https://www.murata.com/en-sg/products/productdetail?partno=BLM15AG221SN1%23

BLM15AG221SN1#

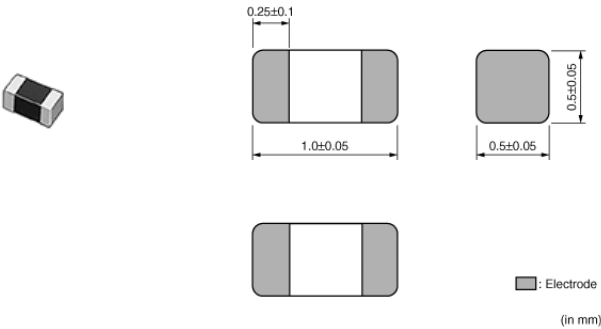"#" indicates a package specification code.

In Production   RoHS   REACH

< List of part numbers with package codes >

BLM15AG221SN1B   BLM15AG221SN1D   BLM15AG221SN1J

Appearance & Shape

0.25±0.1
0.5±0.05
1.0±0.05
0.5±0.05

■ : Electrode

(in mm)

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_Aseries generates an impedance from the relatively low frequencies. Therefore BLM_Aseries is effective in noise suppression in a wide frequency range (30MHz to several hundred MHz).

Applications

Other Usage	For general

Packaging Information

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

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 Specifications

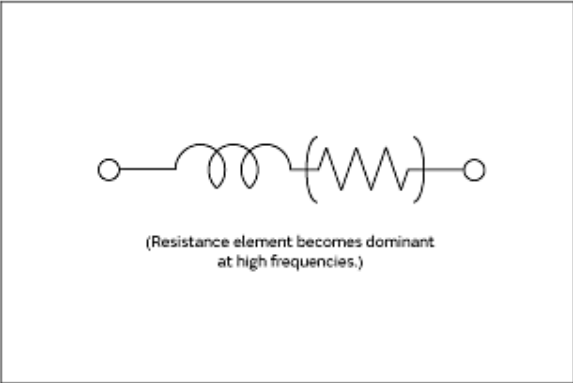| Shape	SMD
Size Code (in mm)	1005
Size Code (in inch)	0402
Length	1.0mm
Length Tolerance	±0.05mm
Width	0.5mm
Width Tolerance	±0.05mm
Thickness	0.5mm
Thickness Tolerance	±0.05mm
Impedance (at 100MHz)	220Ω
Impedance (at 100MHz) Tolerance	±25%
Rated Current (at 85℃)	450mA
Rated Current (at 125℃)	450mA
DC Resistance(max.)	0.29Ω
Operating Temperature Range	-55℃ to 125℃
Mass(typ.)	0.001g
Number of Circuit	1

BLM15AG221SN1#

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Product Data
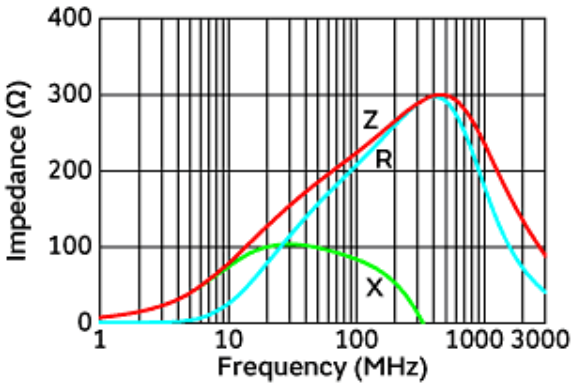
Impedance-Frequency Characteristics

(Resistance element becomes dominant at high frequencies.)

Equivalent Circuit

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