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https://www.murata.com/en-eu/products/productdetail?partno=BLM21AG102SN1%23

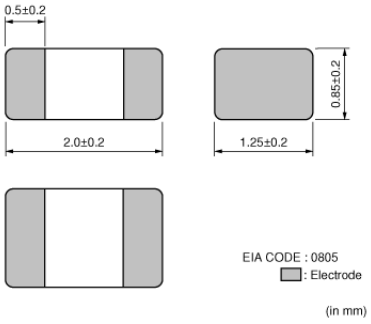
BLM21AG102SN1#

"#" indicates a package specification code.

In Production RoHS REACH

< List of part numbers with package codes >
BLM21AG102SN1B BLM21AG102SN1D BLM21AG102SN1J

Appearance & Shape



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

Packaging Information

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

Attention
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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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BLM21AG102SN1#

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Specifications

Shape	SMD
Size Code (in mm)	2012
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
Impedance (at 100MHz)	1000Ω
Impedance (at 100MHz) Tolerance	±25%
Rated Current (at 85℃)	600mA
Rated Current (at 125℃)	600mA
DC Resistance(max.)	0.27Ω
Operating Temperature Range	-55℃ to 125℃
Mass(typ.)	0.01g
Number of Circuit	1

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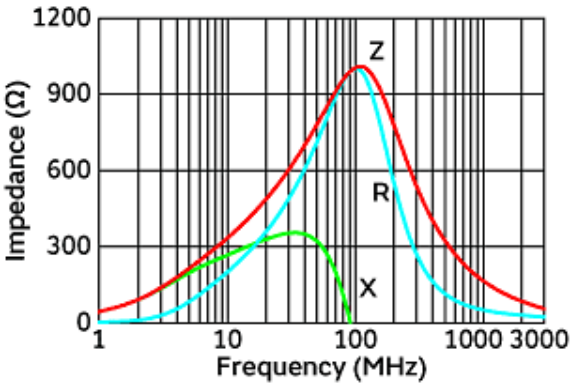
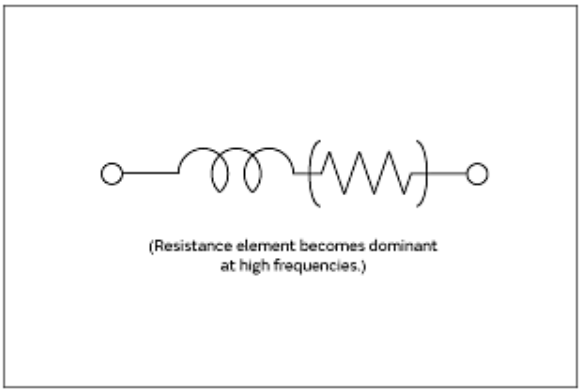
Product Data



Impedance-Frequency Characteristics



Equivalent Circuit

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