Product Search Data Sheet

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Please download the latest datasheet of BLM18BB121SN1# from the official website of Murata

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BLM18BB121SN1#

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

In Production RoHS REACH

< List of part numbers with package codes >

BLM18BB121SN1B BLM18BB121SN1D BLM18BB121SN1J

Applications

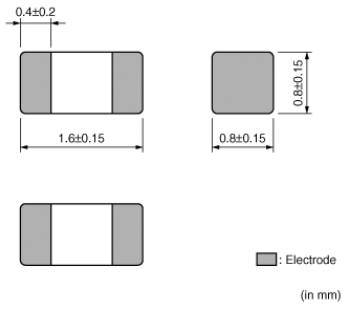
Unsuitable Applications	Please be sure to read and comply with these "Precautions for use."
Specific Applications	Consumer equipment,Medical equipment [GHTF A/B/C] except for implant & surgery & auto injector, Industrial equipment except for transportation & facility & energy equipment Please refer to 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 Applications	Consumer equipment

Packaging Information

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

Appearance & Shape





Attention
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2.This datasheet has only typical specifications because there is no space for detailed specifications.
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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.

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Specifications

Shape	SMD
Size Code (in inch)	0603
Length	1.6mm
Length Tolerance	±0.15mm
Width	0.8mm
Width Tolerance	±0.15mm
Thickness	0.8mm
Thickness Tolerance	±0.15mm
Operating Temperature Range	-55℃ to 125℃
Mass(typ.)	0.005g
Number of Circuit	1
Rated Current (at 125℃)	550mA
DC Resistance(max.)	0.3Ω
Impedance (at 100MHz)	120Ω
Impedance (at 100MHz) Tolerance	±25%
Size Code (in mm)	1608

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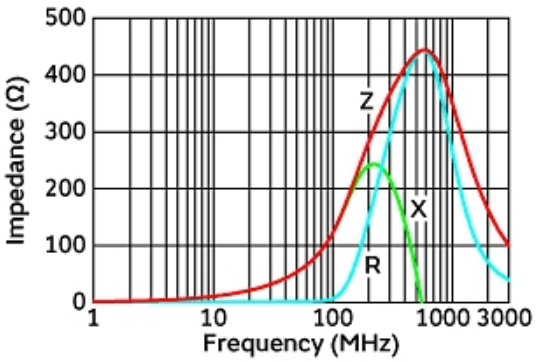
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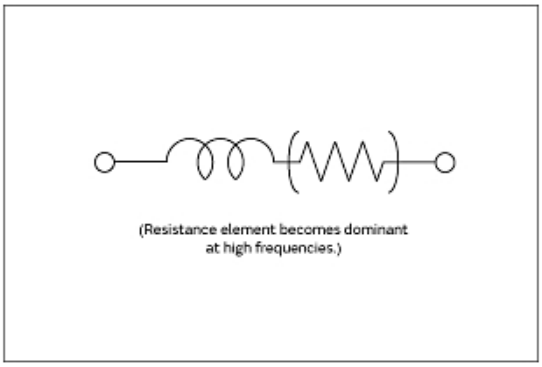
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Product Data



Impedance-Frequency Characteristics



Equivalent Circuit

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