

Note: If you have not downloaded this document from our official website, please note that the information provided may not be the most current.

Please download the latest datasheet of BLM21BD102SN1# from the official website of Murata

http://www.murata.com/en-sg/products/productdetail?partno=BLM21BD102SN1%23

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







< List of part numbers with package codes >

BLM21BD102SN1B

BLM21BD102SN1D

BLM21BD102SN1J



Applications

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



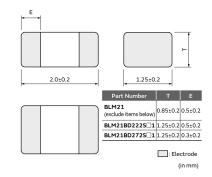
Packaging Information

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



Appearance & Shape





1 of 4

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.

 $2. This \ data{sheet has only typical specifications because there is no \ space for \ detailed \ specifications.}$

Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.





Note: If you have not downloaded this document from our official website, please note that the information provided may not be the most current.

Please download the latest datasheet of BLM21BD102SN1# from the official website of Murata

http://www.murata.com/en-sg/products/productdetail?partno=BLM21BD102SN1%2

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



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.

2 of 4

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





Note: If you have not downloaded this document from our official website, please note that the information provided may not be the most current.

Please download the latest datasheet of BLM21BD102SN1# from the official website of Murata

http://www.murata.com/en-sg/products/productdetail?partno=BLM21BD102SN1%2

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



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°C to 125°C
Mass(typ.)	0.01g
Number of Circuit	1
Rated Current (at 125°C)	250mA
DC Resistance(max.)	0.4Ω
Impedance (at 100MHz)	1000Ω
Impedance (at 100MHz) Tolerance	±25%
Size Code (in mm)	2012

3 of 4

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.

 $2. This \ data{sheet has only typical specifications because there is no \ space for \ detailed \ specifications.}$

Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.





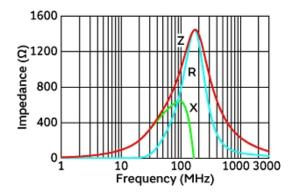
Note: If you have not downloaded this document from our official website, please note that the information provided may not be the most current.

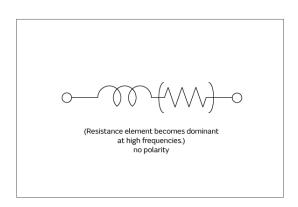
Please download the latest datasheet of BLM21BD102SN1# from the official website of Murata

http://www.murata.com/en-sg/products/productdetail?partno=BLM21BD102SN1%23

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







Impedance-Frequency Characteristics

Equivalent Circuit

4 of 4

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.

