

Product Search Data Sheet

Note: This datasheet may be out of date

Please download the latest datasheet of BLM21BD222TN1# from the official website of Murata Manufacturing Co., Ltd.

https://www.murata.com/en-eu/products/productdetail?partno=BLM21BD222TN1%23

BLM21BD222TN1#

"#" indicates a package specification code.

In Production RoHS REACH

< List of part numbers with package codes > BLM21BD222TN1D BLM21BD222TN1J BLM21BD222TN1B

2.0±0.2

1.25±0.2

BLM21BD272S 1 1.25±0.2 0.3±0.2

0.85±0.2 0.5±0.2

: Electrode

(in mm)

BLM21B

(exclude items below) 0.85±0.2 0.5±0.2 BLM21BD222S 1 1.25±0.2 0.5±0.2

Appearance & Shape



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.



Other Usage

e For general

Packaging Information

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

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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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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)	2200Ω
Impedance (at 100MHz) Tolerance	±25%
Rated Current (at 85°C)	200mA
Rated Current (at 125°C)	200mA
DC Resistance(max.)	0.6Ω
Operating Temperature Range	-55℃ to 125℃
Mass(typ.)	0.01g
Number of Circuit	1

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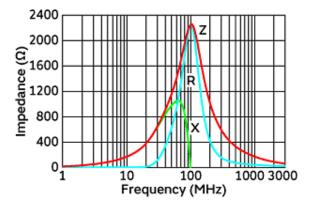
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Product Data



(Resistance element becomes dominant at high frequencies.)

Impedance-Frequency Characteristics

Equivalent Circuit

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