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http://www.murata.com/en-gb/products/productdetail?partno=BLM21BD272SN1%23

BLM21BD272SN1#

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

In Production RoHS REACH

< List of part numbers with package codes >

BLM21BD272SN1B BLM21BD272SN1K BLM21BD272SN1L

Applications

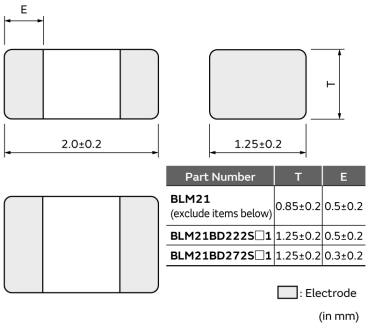
Unsuitable Applications	Please be sure to read and comply with these "Precautions for use."
Specific Applications	Consumer equipment,Medical equipment [GHTF A/B/C] except for implant & surgery & auto injector, Industrial equipment except for transportation & facility & energy equipment Please refer to 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
K	330mm Embossed Tape	10000
L	180mm Embossed Tape	3000

Appearance & Shape





Part Number	T	E
BLM21 (exclude items below)	0.85±0.2	0.5±0.2
BLM21BD222S□1	1.25±0.2	0.5±0.2
BLM21BD272S□1	1.25±0.2	0.3±0.2

: Electrode

(in mm)

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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BLM21BD272SN1#

“#”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.

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BLM21BD272SN1#

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Specifications

Shape	SMD
Size Code (in inch)	0805
Length	2.0mm
Length Tolerance	±0.2mm
Width	1.25mm
Width Tolerance	±0.2mm
Thickness	1.25mm
Thickness Tolerance	±0.2mm
Operating Temperature Range	-55℃ to 125℃
Mass(typ.)	0.014g
Number of Circuit	1
Rated Current (at 85℃)	200mA
Rated Current (at 125℃)	200mA
DC Resistance(max.)	0.8Ω
Impedance (at 100MHz)	2700Ω
Impedance (at 100MHz) Tolerance	±25%
Size Code (in mm)	2012

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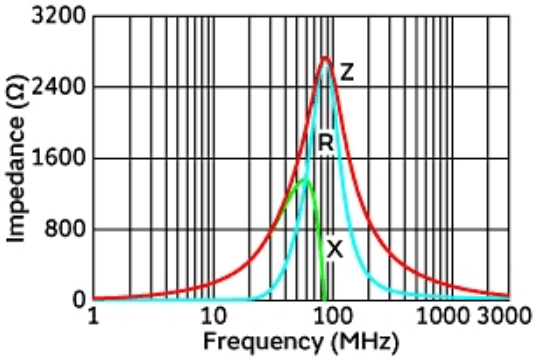
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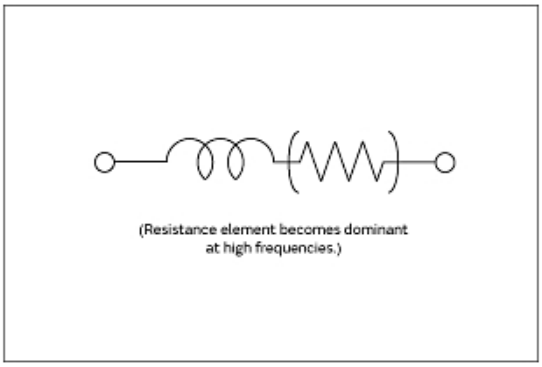
BLM21BD272SN1#

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Product Data



Impedance-Frequency Characteristics



Equivalent Circuit

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