

Product Search Data Sheet

BLM21BD121SN1#

Note: This datasheet may be out of date. Please download the latest datasheet of BLM21BD121SN1# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=BLM21BD121SN1%23

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

In Production RoHS RE

RoHS REACH

< List of part numbers with package codes > BLM21BD121SN1B BLM21BD121SN1D BLM21BD121SN1J

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	Concurrent
Applications	Consumer equipment

P

Packaging Information

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





2.0±0.2	1.25±0	.2	F
-	-	•	
	Part Number	т	E
	BLM21 (exclude items below)	0.85±0.2	0.5±0.2
	BLM21BD222S	1.25±0.2	0.5±0.2
	BLM21BD272S	1.25±0.2	0.3±0.2
			ctrode in mm)
		(,in mm)

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Attention

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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.

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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)	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℃ to 125℃
Mass(typ.)	0.01g
Number of Circuit	1
Rated Current (at 125°C)	350mA
DC Resistance(max.)	0.25Ω
Impedance (at 100MHz)	120Ω
Impedance (at 100MHz) Tolerance	±25%
Size Code (in mm)	2012

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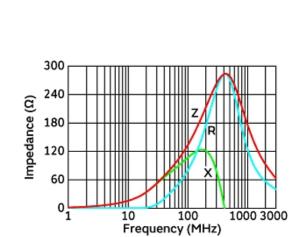
BLM21BD121SN1#

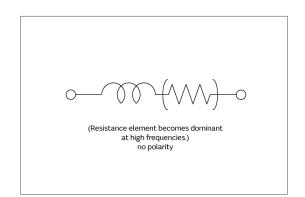
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Impedance-Frequency Characteristics

Equivalent Circuit

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