Note: This datasheet may be out of date.

Please download the latest datasheet of BLM21BD471SZ1# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-GB/products/productdetail?partno=BLM21BD471SZ1%23

## BLM21BD471SZ1#

"#" indicates a package specification code.









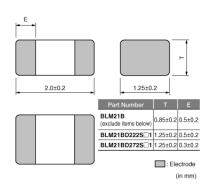
< List of part numbers with package codes > BLM21BD471SZ1J BLM21BD471SZ1D BLM21BD471SZ1B





# Packaging Information





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



Automotive Usage

Infotainment

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.





### BLM21BD471SZ1#

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Co., Ltd.

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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

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## BLM21BD471SZ1#

"#" indicates a package specification code.



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)	470Ω
Impedance (at 100MHz) Tolerance	±25%
Rated Current (at 85°C)	300mA
Rated Current (at 125°C)	300mA
DC Resistance(max.)	0.35Ω
Operating Temperature Range	-55°C to 125°C
Mass(typ.)	0.01g
Number of Circuit	1

3 of 4

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