Note: This datasheet may be out of date. Please download the latest datasheet of BLM21BD331SZ1# from the official website of Murata Manufacturing

BLM21BD331SZ1#

"#" indicates a package specification code.









< List of part numbers with package codes > BLM21BD331SZ1J BLM21BD331SZ1D BLM21BD331SZ1B

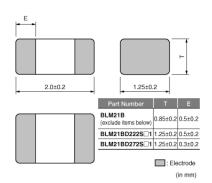


Appearance & Shape



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

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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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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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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)	330Ω
Impedance (at 100MHz) Tolerance	±25%
Rated Current (at 85°C)	300mA
Rated Current (at 125°C)	300mA
DC Resistance(max.)	0.3Ω
Operating Temperature Range	-55°C to 125°C
Mass(typ.)	0.01g
Number of Circuit	1

3 of 4

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