

Note: This datasheet may be out of date. Please download the latest datasheet of BLM21SP331SH1# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-us/products/productdetail?partno=BLM21SP331SH1%23

"#" indicates a package specification code.

BLM21SP331SH1#









< List of part numbers with package codes >

BLM21SP331SH1B

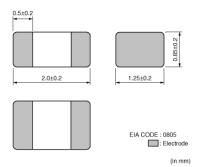
BLM21SP331SH1D

BLM21SP331SH1J



Appearance & Shape







Applications

Automotive Usage Powertrain/Safety



Packaging Information

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



Features

The chip ferrite beads BLM series is designed to function 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.

The nickel barrier structure of the external electrodes provides excellent solder heat resistance. BLM21SP series can be used in high current circuits due to its low DC resistance.

1 of 3

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





BLM21SP331SH1#

Note: This datasheet may be out of date.

Please download the latest datasheet of BLM21SP331SH1# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-us/products/productdetail?partno=BLM21SP331SH1%23

"#" indicates a package specification code.



Specifications

SMD
0805
2.0mm
±0.2mm
1.25mm
±0.2mm
0.85mm
±0.2mm
-55°C to 125°C
0.01g
1
2.8A
1.9A
0.04Ω
330Ω
±25%
2012

2 of 3

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.



NOVATOR IN SUSCERONICS

Please download the latest datasheet of BLM21SP331SH1# from the official website of Murata Manufacturing Co., Ltd.

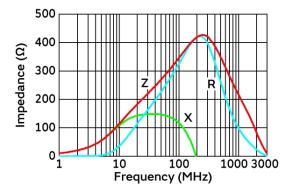
http://www.murata.com/en-us/products/productdetail?partno=BLM21SP331SH1%23

Note: This datasheet may be out of date.

"#" indicates a package specification code.

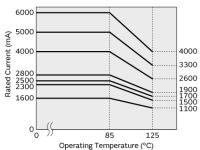
BLM21SP331SH1#





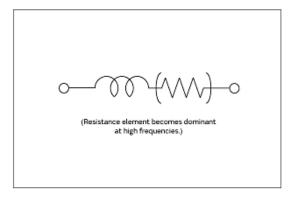
In operating temperature exceeding +85°C, derating of current is necessary for BLM21SP series. Please apply the derating curve shown in chart according to the operating temperature.

Derating of Rated Current



Impedance-Frequency Characteristics

Derating of Rated Current



Equivalent Circuit

3 of 3

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.

