

Product Search Data Sheet

Note: This datasheet may be out of date

Please download the latest datasheet of BLM21AG121SH1# from the official website of Murata Manufacturing Co., Ltd.

https://www.murata.com/en-global/products/productdetail?partno=BLM21AG121SH1%23

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

BLM series is effective in circuits without stable

ground lines because BLM series does not need a

electrodes provides excellent solder heat resistance.

relatively low frequencies. Therefore BLM\_Aseries is

effective in noise suppression in a wide frequency

BLM\_Aseries generates an impedance from the

leaves signal wave forms undistorted.

The nickel barrier structure of the external

range (30MHz to several hundred MHz).

# BLM21AG121SH1#

"#" indicates a package specification code.

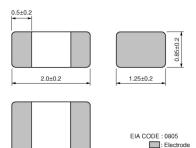
#### In Production RoHS REACH Q200

< List of part numbers with package codes > BLM21AG121SH1D BLM21AG121SH1J BLM21AG121SH1B





connection to ground.



(in mm)



Automotive Usage	Powertrain/Safety
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### Packaging Information

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

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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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## BLM21AG121SH1#

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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)	120Ω
Impedance (at 100MHz) Tolerance	±25%
Rated Current (at 85°C)	1A
Rated Current (at 125°C)	1A
DC Resistance(max.)	0.09Ω
Operating Temperature Range	-55℃ to 125℃
Mass(typ.)	0.01g
Number of Circuit	1

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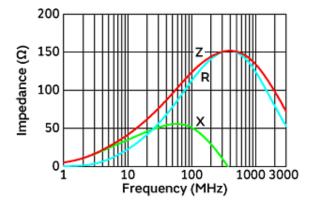
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(Resistance element becomes dominant at high frequencies.)

Impedance-Frequency Characteristics

Equivalent Circuit

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