

BLM21HE122BH1#

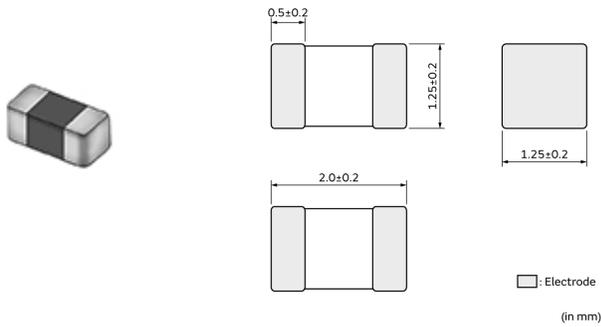
“#” indicates a package specification code.

In Production New AEC-Q200 RoHS REACH

< List of part numbers with package codes >

BLM21HE122BH1B BLM21HE122BH1K BLM21HE122BH1L

Appearance & Shape



Packaging Information

Packaging	Specifications	Standard Packing Quantity
B	Bulk(Bag)	1000
K	330mm Embossed Tape	10000
L	180mm Embossed Tape	3000

Applications

Automotive Usage	Powertrain/Safety
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Features

1. Applying some improvement to BLM18H series, it realizes high impedance characteristics at several tens of MHz to several GHz and is suitable for wideband noise removal.
2. Low DC Resistance and a large Rated Current are suitable for noise suppression of the driver circuit.
3. The magnetic shielded structure minimizes crosstalk.

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.

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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	1.25mm
Thickness Tolerance	±0.2mm
Operating Temperature Range	-55°C to 150°C
Mass(typ.)	0.0098g
Number of Circuit	1
Rated Current (at 85°C)	1600mA
Rated Current (at 125°C)	1100mA
Rated Current (at 150°C)	10mA
DC Resistance(max.)	0.11Ω
Impedance (at 100MHz)	1200Ω
Impedance (at 100MHz) Tolerance	±25%
Impedance (at 1GHz)	450Ω
Impedance (at 1GHz) Tolerance	±40%
Size Code (in mm)	2012

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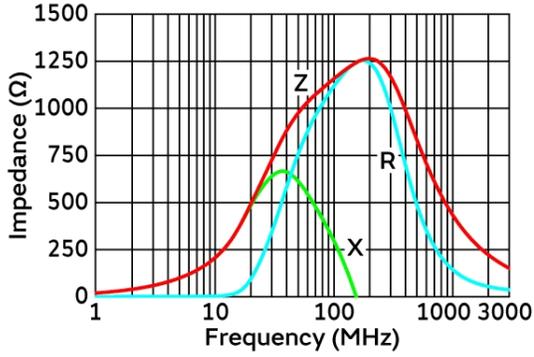
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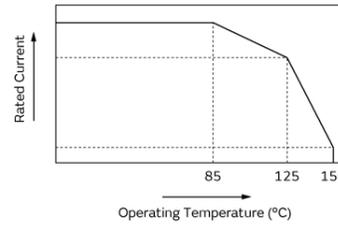
Product Data



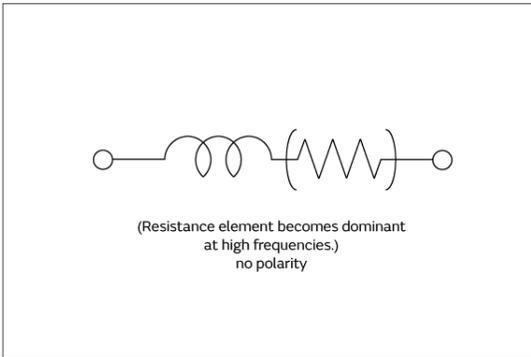
Impedance-Frequency Characteristics

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

Derating of Rated Current



Derating of Rated Current



Equivalent Circuit

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