

BLM21BD121SH1#

“#” indicates a package specification code.

In Production

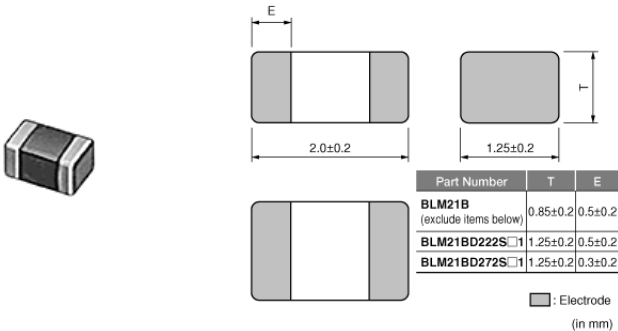
AEC-Q200

RoHS

REACH

< List of part numbers with package codes >
BLM21BD121SH1J BLM21BD121SH1D BLM21BD121SH1B

Appearance & Shape



Packaging Information

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

Applications

Automotive Usage	Powertrain/Safety
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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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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. BLM_B series can minimize attenuation of the signal waveform due to its sharp impedance characteristics.

Various impedances are available to match signal frequency.

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Specifications

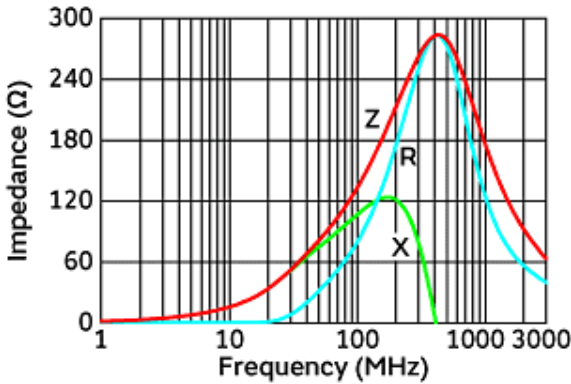
Shape	SMD
Size Code (in mm)	2012
Size Code (in inch)	0805
Length	2.0mm
Length Tolerance	±0.2mm
Width	1.25mm
Width Tolerance	±0.2mm
Thickness	0.85mm
Thickness Tolerance	±0.2mm
Impedance (at 100MHz)	120Ω
Impedance (at 100MHz) Tolerance	±25%
Rated Current (at 85°C)	350mA
Rated Current (at 125°C)	350mA
DC Resistance(max.)	0.25Ω
Operating Temperature Range	-55°C to 125°C
Mass(typ.)	0.01g
Number of Circuit	1

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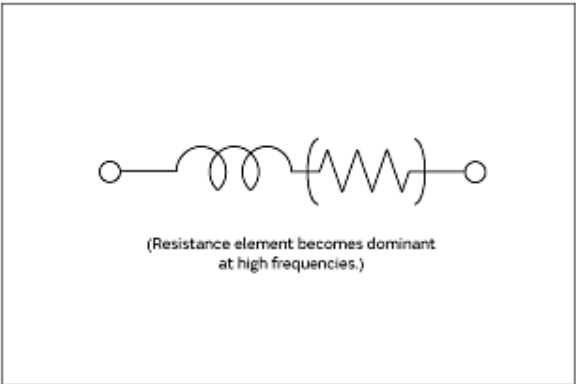
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Product Data



Impedance-Frequency Characteristics



Equivalent Circuit

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