

BLM18BB221SZ1#

“#” indicates a package specification code.

In Production

RoHS

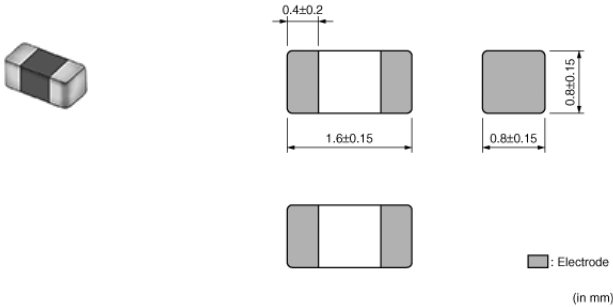
REACH

AEC-Q200

< List of part numbers with package codes >

BLM18BB221SZ1J BLM18BB221SZ1D BLM18BB221SZ1B

Appearance & Shape



Features

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.

Applications

The nickel barrier structure of the external electrodes provides excellent solder heat resistance.

Automotive Usage	Infotainment
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Packaging Information

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

Attention

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2.This datasheet has only typical specifications because there is no space for detailed specifications.
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Specifications

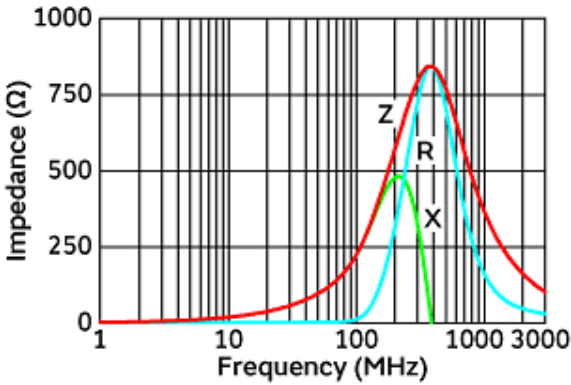
Shape	SMD
Size Code (in mm)	1608
Size Code (in inch)	0603
Length	1.6mm
Length Tolerance	±0.15mm
Width	0.8mm
Width Tolerance	±0.15mm
Thickness	0.8mm
Thickness Tolerance	±0.15mm
Impedance (at 100MHz)	220Ω
Impedance (at 100MHz) Tolerance	±25%
Rated Current (at 85°C)	450mA
Rated Current (at 125°C)	450mA
DC Resistance(max.)	0.45Ω
Operating Temperature Range	-55°C to 125°C
Mass(typ.)	0.005g
Number of Circuit	1

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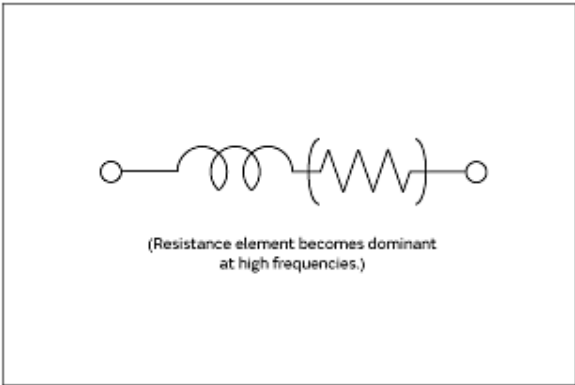
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Product Data



Impedance-Frequency Characteristics



Equivalent Circuit

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