

# BLM18RK221SN1#

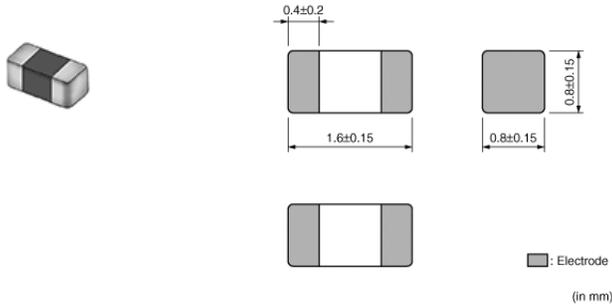
“#” indicates a package specification code.



< List of part numbers with package codes >

BLM18RK221SN1B BLM18RK221SN1D BLM18RK221SN1J

## Appearance & Shape



## 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\_R series can be used in a digital Interface. Resistance of BLM\_R series especially grows in the lower frequency range. Therefore BLM\_R series is less effective for digital signal waveform at low frequency range and can suppress the ringing.

## Applications

Other Usage	For general
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## Packaging Information

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

### 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 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)	200mA
Rated Current (at 125°C)	200mA
DC Resistance(max.)	0.3Ω
Operating Temperature Range	-55°C to 125°C
Mass(typ.)	0.005g
Number of Circuit	1

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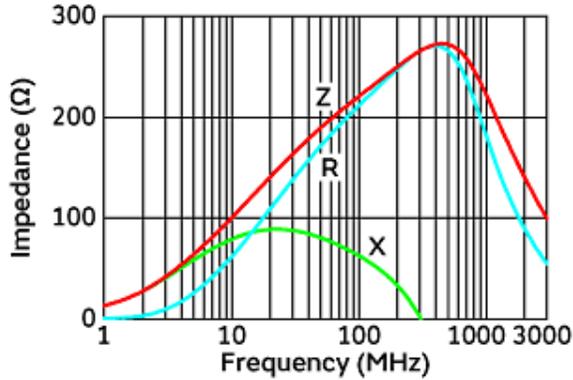
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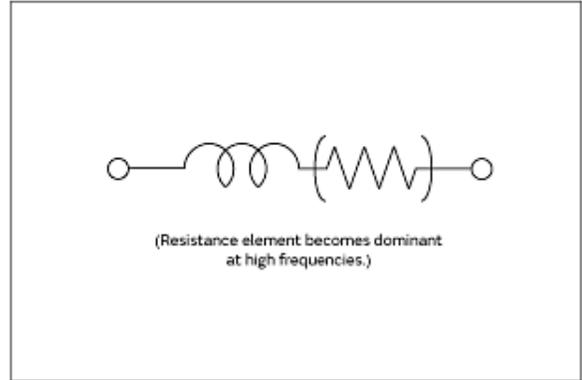
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## Product Data



Impedance-Frequency Characteristics



Equivalent Circuit

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