

BLM18RK102SN1#

“#” indicates a package specification code.

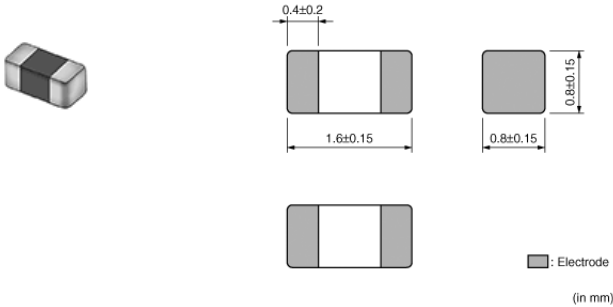
In Production

RoHS

REACH

< List of part numbers with package codes >
BLM18RK102SN1D BLM18RK102SN1J BLM18RK102SN1B

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
D	180mm Paper Tape	4000
J	330mm Paper Tape	10000
B	Bulk(Bag)	1000

Attention
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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)	1000Ω
Impedance (at 100MHz) Tolerance	±25%
Rated Current (at 85°C)	200mA
Rated Current (at 125°C)	200mA
DC Resistance(max.)	0.8Ω
Operating Temperature Range	-55°C to 125°C
Mass(typ.)	0.005g
Number of Circuit	1

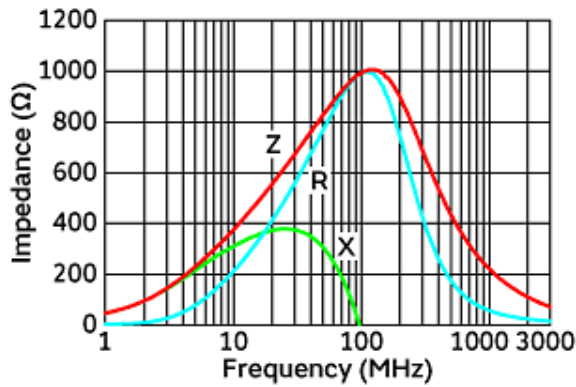
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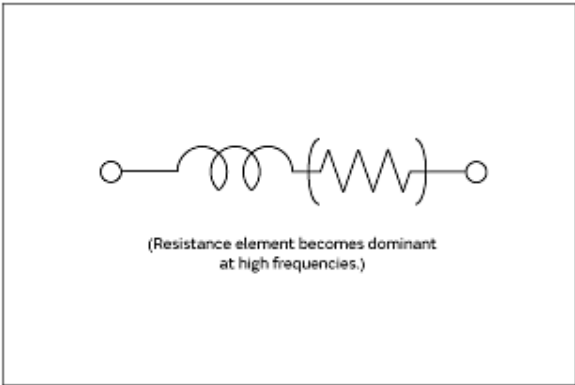
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Product Data



Impedance-Frequency Characteristics



Equivalent Circuit

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