

BLM03AX100SN1#

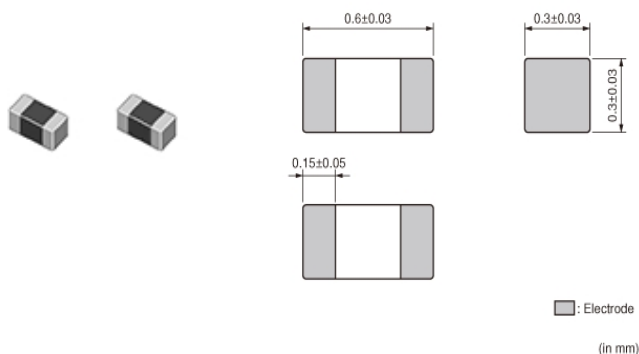
“#” indicates a package specification code.



< List of part numbers with package codes >

BLM03AX100SN1B BLM03AX100SN1D BLM03AX100SN1J

Appearance & Shape



Packaging Information

Packaging	Specifications	Standard Packing Quantity
B	Bulk(Bag)	1000
D	180mm Paper Tape	15000
J	330mm Paper Tape	50000

Features

The chip ferrite beads BLMseries 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_Aseries generates an impedance from the relatively low frequencies. Therefore BLM_Aseries is effective in noise suppression in a wide frequency range (30MHz to several hundred MHz).

Applications

Other Usage	For general
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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)	0201
Length	0.6mm
Length Tolerance	±0.03mm
Width	0.3mm
Width Tolerance	±0.03mm
Thickness	0.3mm
Thickness Tolerance	±0.03mm
Operating Temperature Range	-55°C to 125°C
Mass(typ.)	0.3mg
Number of Circuit	1
Rated Current (at 85°C)	1A
Rated Current (at 125°C)	1A
DC Resistance(max.)	0.05Ω
Impedance (at 100MHz)	10Ω
Impedance (at 100MHz) Tolerance	(Typ.)
Size Code (in mm)	0603

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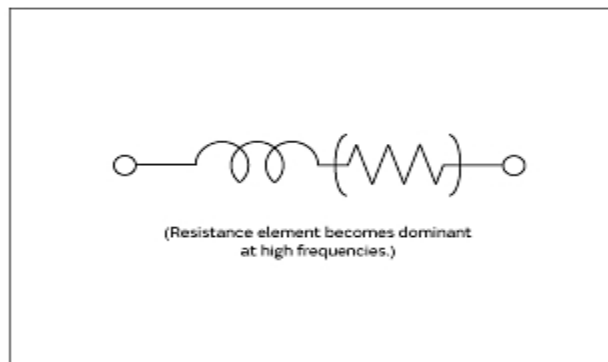
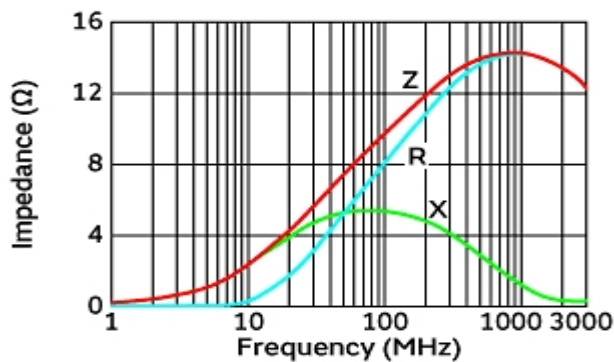
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Product Data



Impedance-Frequency Characteristics

Equivalent Circuit

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