

BLM03AX100SZ1#

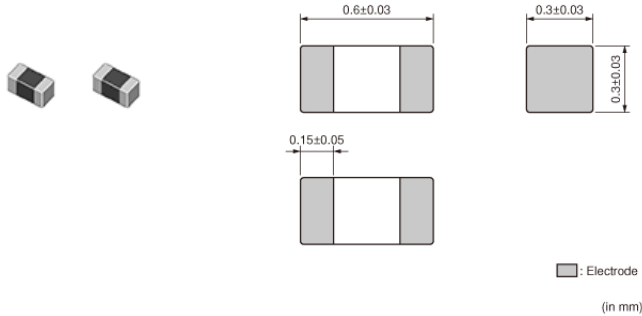
“#” indicates a package specification code.



< List of part numbers with package codes >

BLM03AX100SZ1D BLM03AX100SZ1J BLM03AX100SZ1B

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_A series generates an impedance from the relatively low frequencies. Therefore BLM_A series is effective in noise suppression in a wide frequency range (30MHz to several hundred MHz).

Applications

Automotive Usage	Infotainment
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Packaging Information

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

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)	0603
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
Impedance (at 100MHz)	10Ω
Impedance (at 100MHz) Tolerance	(Typ.)
Rated Current (at 85°C)	1A
Rated Current (at 125°C)	1A
DC Resistance(max.)	0.05Ω
Operating Temperature Range	-55°C to 125°C
Mass(typ.)	0.0003g
Number of Circuit	1

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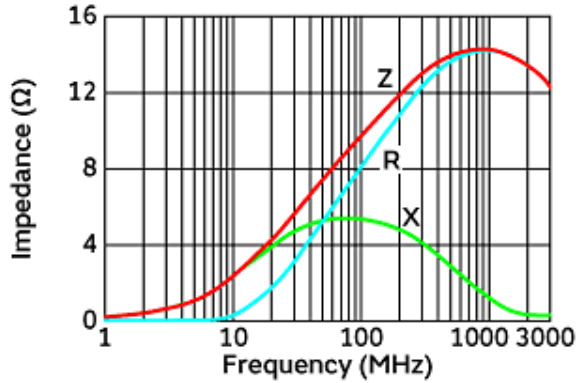
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Product Data



Impedance-Frequency Characteristics



Equivalent Circuit

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