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INNOVATOR IN ELECTRONICS

Product Search Data Sheet

Note: This datasheet may be out of date.
Please download the latest datasheet of BLM03AX601SN1# from the official website of Murata Manufacturing Co., Ltd.
https://www.murata.com/en-eu/products/productdetail?partno=BLM03AX601SN1%23

BLM03AX601SN1#

"#" indicates a package specification code.

In Production RoHS REACH

< List of part numbers with package codes >
BLM03AX601SN1B   BLM03AX601SN1D   BLM03AX601SN1J

Appearance & Shape

0.6±0.03
0.3±0.03
0.3±0.03
0.15±0.05

□ : Electrode

(in mm)
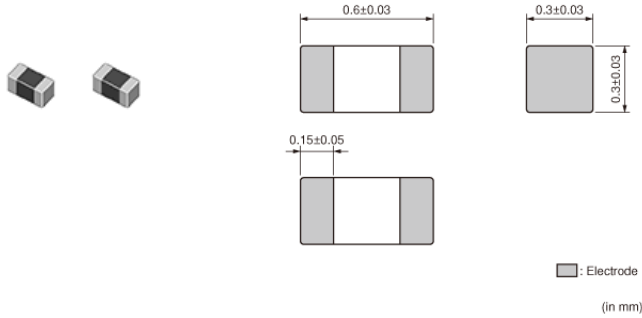
Features

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

Other Usage	For general

Packaging Information

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

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URL : https://www.murata.com/

Last updated : 2018/08/23

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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)	600Ω
Impedance (at 100MHz) Tolerance	±25%
Rated Current (at 85℃)	250mA
Rated Current (at 125℃)	250mA
DC Resistance(max.)	0.85Ω
Operating Temperature Range	-55℃ to 125℃
Mass(typ.)	0.0003g
Number of Circuit	1

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Product Data
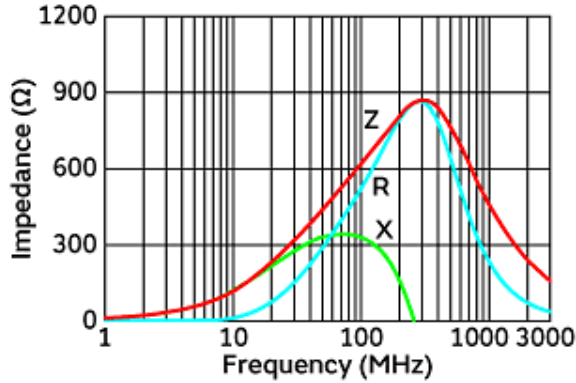
Impedance-Frequency Characteristics

(Resistance element becomes dominant at high frequencies.)

Equivalent Circuit

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