

Product Search Data Sheet

BLM18AG601SN1#

Note: This datasheet may be out of date. Please download the latest datasheet of BLM18AG601SN1# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-gb/products/productdetail?partno=BLM18AG601SN1%23

### "#" indicates a package specification code.

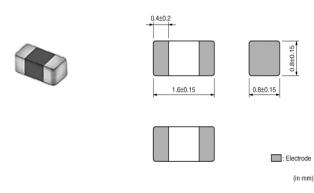
In Production RoHS REACH

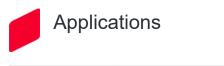
< List of part numbers with package codes > BLM18AG601SN1B BLM18AG601SN1D BLM18

BLM18AG601SN1J



### Appearance & Shape





Other Usage

For general



## Packaging Information

Packaging	Specifications	Standard Packing
		Quantity
В	Bulk(Bag)	1000
D	180mm Paper Tape	4000
J	330mm Paper Tape	10000



## 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\_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).

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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)	0603
Length	1.6mm
Length Tolerance	±0.15mm
Width	0.8mm
Width Tolerance	±0.15mm
Thickness	0.8mm
Thickness Tolerance	±0.15mm
Operating Temperature Range	-55°C to 125°C
Mass(typ.)	0.005g
Number of Circuit	1
Rated Current (at 85°C)	500mA
Rated Current (at 125°C)	500mA
DC Resistance(max.)	0.38Ω
Impedance (at 100MHz)	600Ω
Impedance (at 100MHz) Tolerance	±25%
Size Code (in mm)	1608

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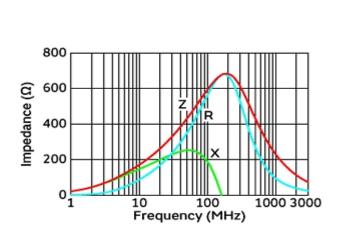
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(Resistance element becomes dominant at high frequencies.)

Impedance-Frequency Characteristics

**Equivalent Circuit** 

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