

# BLM31AJ601SH1#

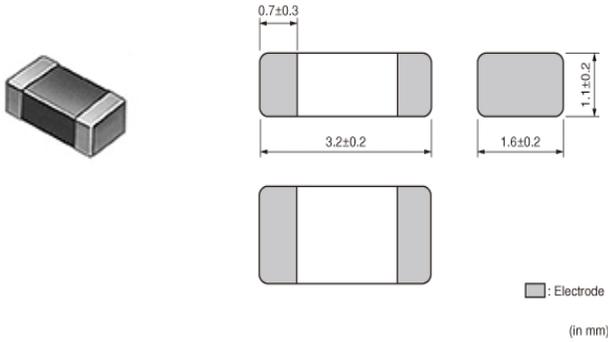
“#” indicates a package specification code.



## < List of part numbers with package codes >

BLM31AJ601SH1K      BLM31AJ601SH1B      BLM31AJ601SH1L

## Appearance & Shape



## Packaging Information

Packaging	Specifications	Minimum Order Quantity
K	330mm Embossed Tape	10000
B	Bulk(Bag)	1000
L	180mm Embossed Tape	3000

## Applications

Automotive Usage	Powertrain/Safety
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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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## 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).

Because of newly developed ferrite material, BLM15AX has been realized lower DC resistance and larger rated current than BLM15AG series. In addition, its performance change by stresses like heat shock is less than other ferrite beads. So, the noise suppression performance becomes stable.

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## Specifications

Shape	SMD
Size Code (in inch)	1206
Length	3.2mm
Length Tolerance	±0.2mm
Width	1.6mm
Width Tolerance	±0.2mm
Thickness	1.1mm
Thickness Tolerance	±0.2mm
Operating Temperature Range	-55°C to 125°C
Mass(typ.)	0.025g
Number of Circuit	1
Rated Current (at 85°C)	200mA
Rated Current (at 125°C)	200mA
DC Resistance(max.)	0.9Ω
Impedance (at 100MHz)	600Ω
Impedance (at 100MHz) Tolerance	±25%
Size Code (in mm)	3216

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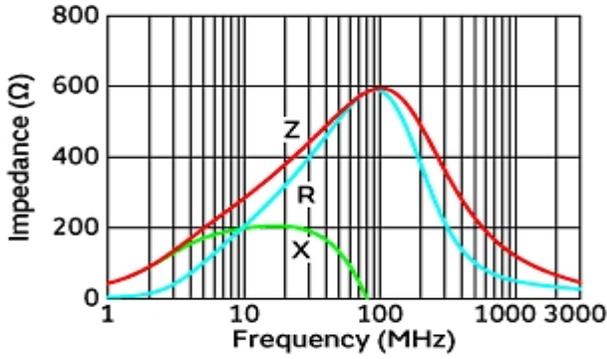
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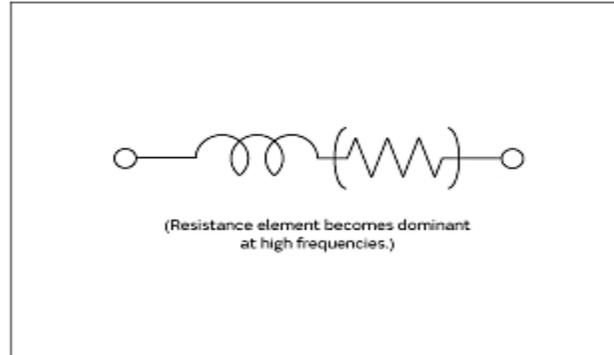
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## Product Data



Impedance-Frequency Characteristics



Equivalent Circuit

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