


[Noise Suppression Products/EMI Suppression Filters](#) > [Ferrite Beads/Inductor type filters](#)

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BLM18AG471SN1#

"#" indicates a package specification code.

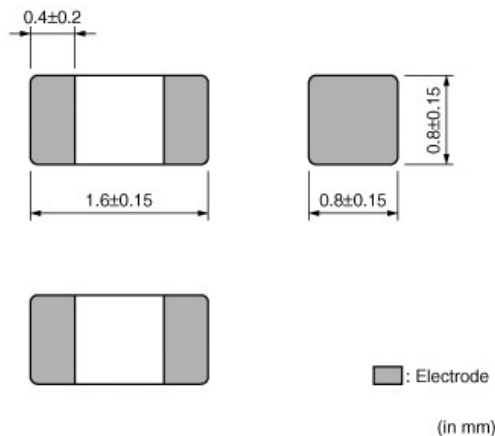
In Production 

RoHS  REACH 

< List of part numbers with package codes >

[BLM18AG471SN1D](#) [BLM18AG471SN1J](#) [BLM18AG471SN1B](#)

Appearance & Shape



Specifications

Shape	SMD
Size Code (in inch)	0603
Length	1.6mm
Length Tolerance	± 0.15 mm
Width	0.8mm
Width Tolerance	± 0.15 mm
Thickness	0.8mm
Thickness Tolerance	± 0.15 mm
Operating Temperature Range	-55°C to 125°C
Mass(typ.)	0.005g
Number of Circuit	1
Rated Current (at 85°C)	550mA
Rated Current (at 125°C)	550mA
DC Resistance(max.)	0.35Ω
Impedance (at 100MHz)	470Ω

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How to read part numbers 

Details

Specifications Sheet(with cautions/
mounting/packaging) 


PCB Symbol, Footprint, 3D Model


PCB Symbol, Footprint, 3D Model

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Noise Suppression
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Impedance (at 100MHz) Tolerance	±25%
Size Code (in mm)	1608

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).

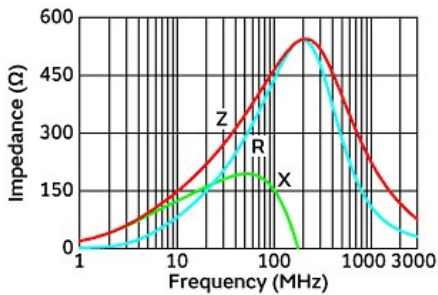
Applications

Other Usage	For general
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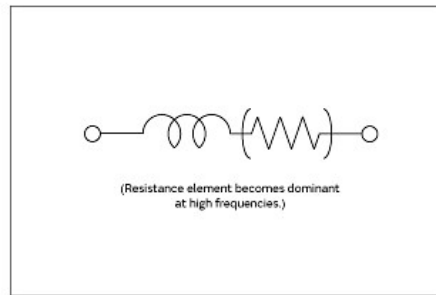
Packaging Information

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

Product Data



Impedance-Frequency Characteristics



Equivalent Circuit

Products

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Approach for chemical
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