

BLM15AG121SZ1#

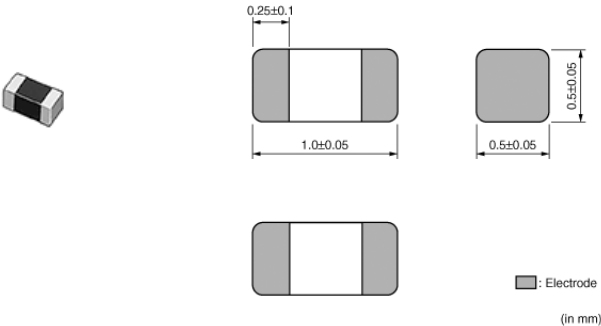
“#” indicates a package specification code.



< List of part numbers with package codes >

BLM15AG121SZ1J BLM15AG121SZ1B BLM15AG121SZ1D

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_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).

Applications

Automotive Usage	Infotainment
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Packaging Information

Packaging	Specifications	Minimum Order Quantity
J	330mm Paper Tape	50000
B	Bulk(Bag)	1000
D	180mm Paper Tape	10000

Attention
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2.This datasheet has only typical specifications because there is no space for detailed specifications.
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Specifications

Shape	SMD
Size Code (in mm)	1005
Size Code (in inch)	0402
Length	1.0mm
Length Tolerance	±0.05mm
Width	0.5mm
Width Tolerance	±0.05mm
Thickness	0.5mm
Thickness Tolerance	±0.05mm
Impedance (at 100MHz)	120Ω
Impedance (at 100MHz) Tolerance	±25%
Rated Current (at 85°C)	550mA
Rated Current (at 125°C)	550mA
DC Resistance(max.)	0.19Ω
Operating Temperature Range	-55°C to 125°C
Mass(typ.)	0.001g
Number of Circuit	1

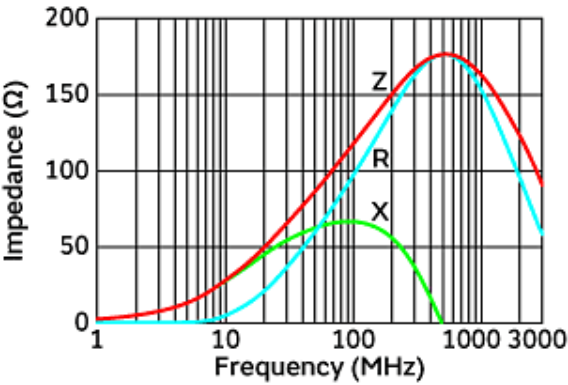
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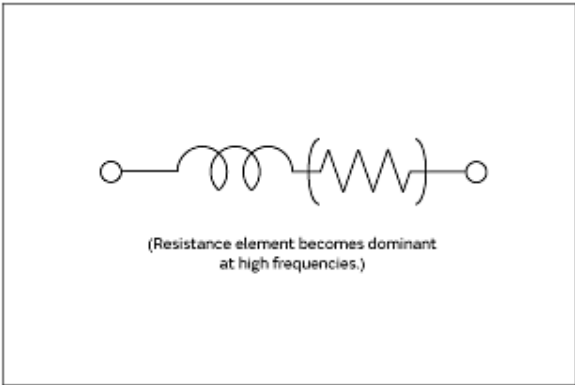
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Product Data



Impedance-Frequency Characteristics



Equivalent Circuit

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