BLM15AX221SZ1#

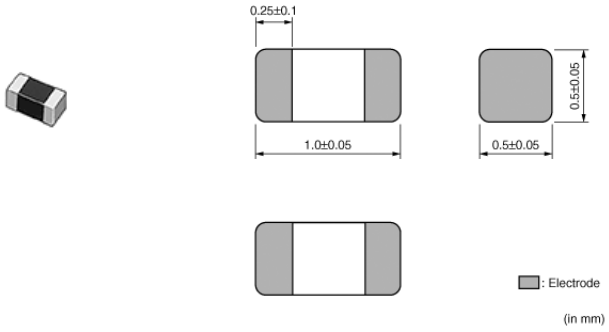
"#" indicates a package specification code.

In Production | Recommended | RoHS | REACH | AEC-Q200

< List of part numbers with package codes >

BLM15AX221SZ1D BLM15AX221SZ1J BLM15AX221SZ1B

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_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).
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.

Applications

Automotive Usage	Infotainment

Packaging Information

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

Attention
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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 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
Rated Current	600.0mA
Operating Temperature Range	-55℃ to 125℃
Mass(typ.)	0.001g
Number of Circuit	1
DC Resistance(max.)	0.18Ω
Impedance (at 100MHz)	220Ω
Impedance (at 100MHz) Tolerance	±25%

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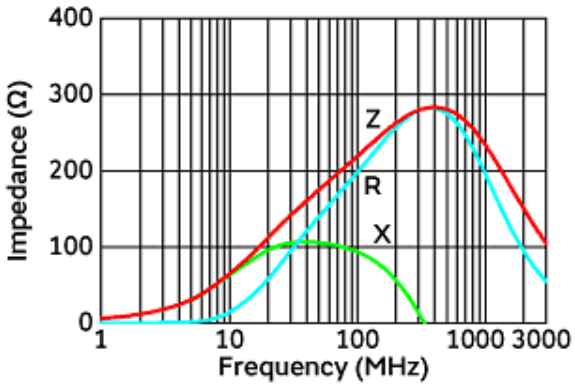
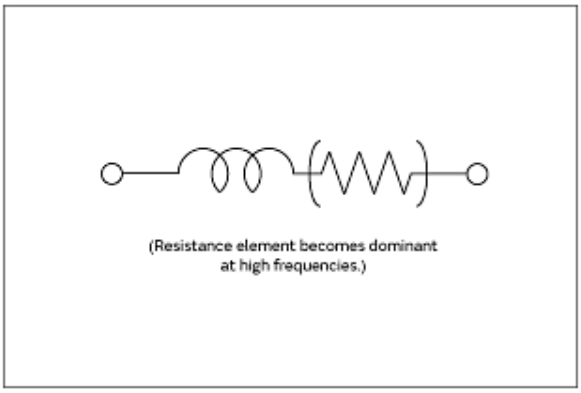
Product Data



Impedance-Frequency Characteristics



Equivalent Circuit

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