

# BLM21BD102SZ1#

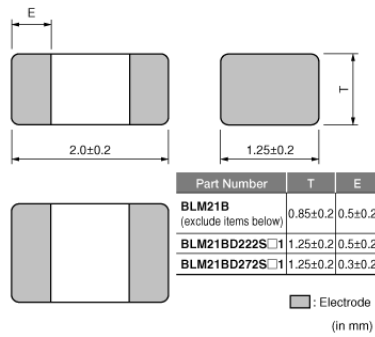
“#” indicates a package specification code.



< List of part numbers with package codes >

BLM21BD102SZ1J BLM21BD102SZ1D BLM21BD102SZ1B

## Appearance & Shape



## Packaging Information

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

## Applications

Automotive Usage    Infotainment

### Attention

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## Features

The chip ferrite beads BLM series is designed to work 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.

BLM\_B series can minimize attenuation of the signal waveform due to its sharp impedance characteristics. Various impedances are available to match signal frequency.

The nickel barrier structure of the external electrodes provides excellent solder heat resistance.

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## Specifications

Shape	SMD
Size Code (in mm)	2012
Size Code (in inch)	0805
Length	2.0mm
Length Tolerance	±0.2mm
Width	1.25mm
Width Tolerance	±0.2mm
Thickness	0.85mm
Thickness Tolerance	±0.2mm
Impedance (at 100MHz)	1000Ω
Impedance (at 100MHz) Tolerance	±25%
Rated Current (at 85°C)	250mA
Rated Current (at 125°C)	250mA
DC Resistance(max.)	0.4Ω
Operating Temperature Range	-55°C to 125°C
Mass(typ.)	0.01g
Number of Circuit	1

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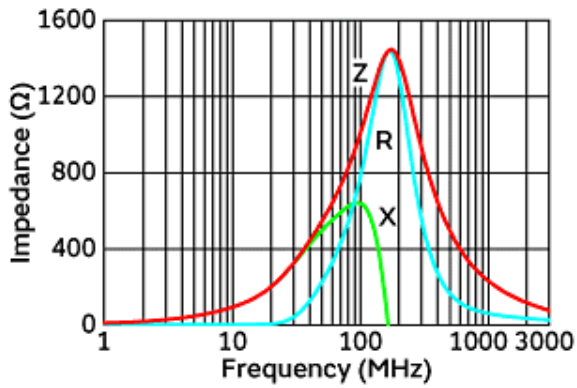
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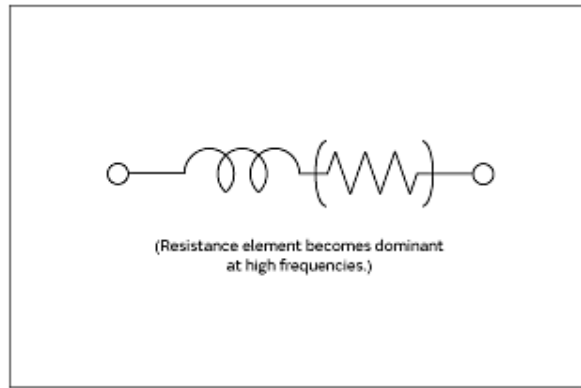
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## Product Data



Impedance-Frequency Characteristics



Equivalent Circuit

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