

BLM18BD470SZ1#

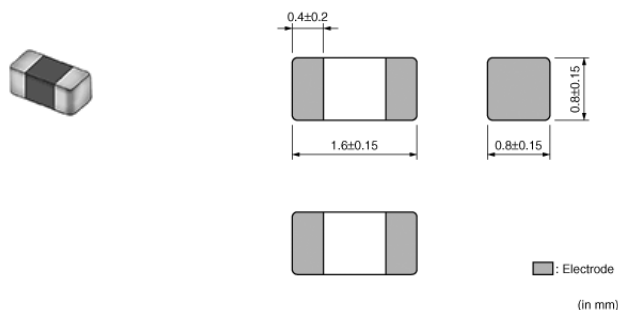
“#” indicates a package specification code.



< List of part numbers with package codes >

BLM18BD470SZ1B BLM18BD470SZ1D BLM18BD470SZ1J

Appearance & Shape



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.

Applications

Automotive Usage	Infotainment
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The small size of BLM03B series (0.6x0.3mm) is suitable for advanced high-density mounting, and is followed on a miniaturization of digital equipment, or module of a functional portion.

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

Packaging Information

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

Attention

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Specifications

Shape	SMD
Size Code (in mm)	1608
Size Code (in inch)	0603
Length	1.6mm
Length Tolerance	±0.15mm
Width	0.8mm
Width Tolerance	±0.15mm
Thickness	0.8mm
Thickness Tolerance	±0.15mm
Rated Current	500.0mA
Operating Temperature Range	-55°C to 125°C
Mass(typ.)	0.005g
Number of Circuit	1
DC Resistance(max.)	0.3Ω
Impedance (at 100MHz)	47Ω
Impedance (at 100MHz) Tolerance	±25%

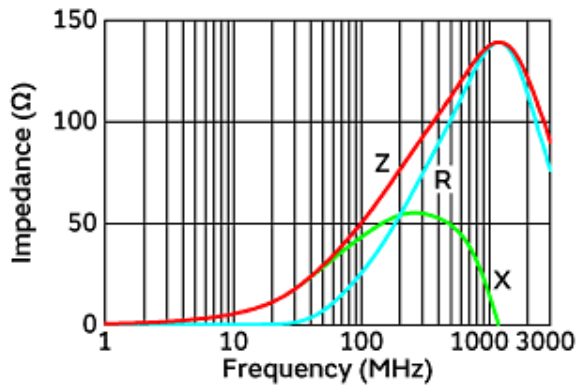
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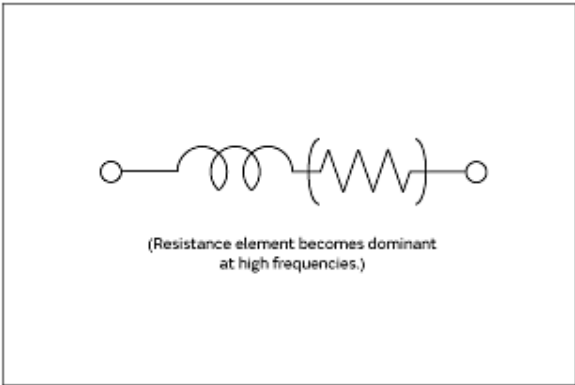
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Product Data



Impedance-Frequency Characteristics



Equivalent Circuit

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