

BLM18PG300SH1#

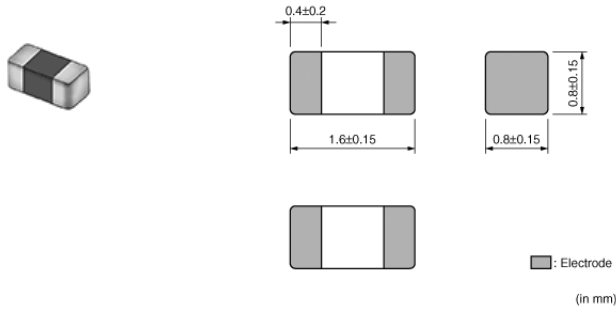
“#” indicates a package specification code.



< List of part numbers with package codes >

BLM18PG300SH1D BLM18PG300SH1J BLM18PG300SH1B

Appearance & Shape



Features

- 1.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.
- 2.The nickel barrier structure of the external electrodes provides excellent solder heat resistance.
- 3.BLM_P series can be used in high current circuits due to its low DC resistance. It can match power lines to a maximum of 3ADC.

Applications

Automotive Usage	Powertrain/Safety
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Packaging Information

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

Attention

1.This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.
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)	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	1.0A
Operating Temperature Range	-55°C to 125°C
Mass(typ.)	0.005g
Number of Circuit	1
DC Resistance(max.)	0.05Ω
Impedance (at 100MHz)	30Ω
Impedance (at 100MHz) Tolerance	(Typ.)

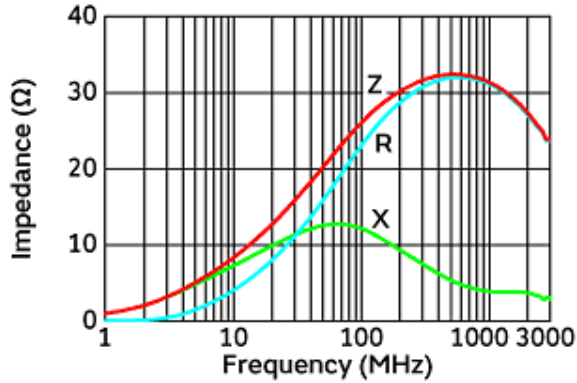
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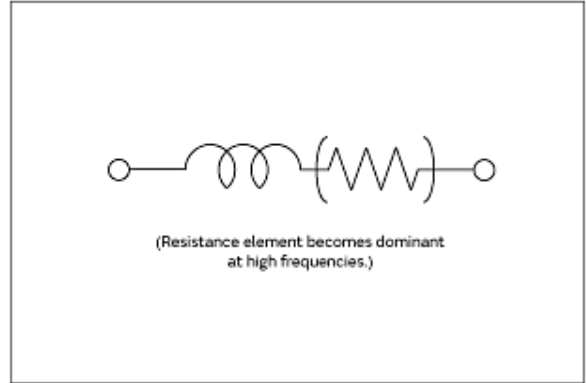
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Product Data



Impedance-Frequency Characteristics



Equivalent Circuit

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