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http://www.murata.com/en-sg/products/productdetail?partno=BLM15GG471SN1%23

BLM15GG471SN1#

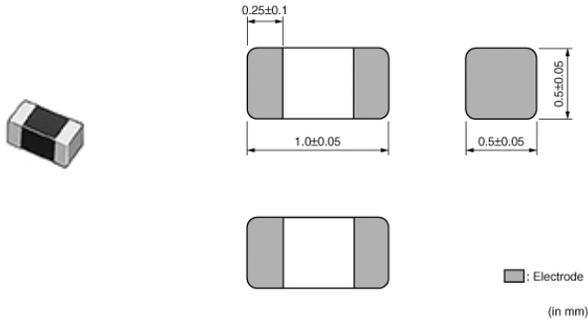"#" indicates a package specification code.

In Production   **RoHS**   **REACH**

< List of part numbers with package codes >

BLM15GG471SN1B   BLM15GG471SN1D   BLM15GG471SN1J

Appearance & Shape

0.25±0.1
0.5±0.05
1.0±0.05
0.5±0.05

: Electrode

(in mm)

Packaging Information

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

Applications

Other Usage	For general

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BLM15GG471SN1#

"#" indicates a package specification code.

Features

Chip ferrite beads for high frequency noise suppression over a wide frequency range.

Features
1. High impedance characteristic in 1GHz or higher frequency
2. High impedance characteristic over a wide frequency band range of 100MHz to 6GHz
3. Small decrease in impedance during current loading, resulting in small impedance fluctuation during equipment operation.
4. Reflow soldering only

Applications
1. Noise suppression for PCs with high-speed CPU and high-speed bus, and for interface lines of peripheral equipment.
2. High harmonic noise suppression for digital equipment with several hundred MHz or higher clock speeds.
3. Prevention of erroneous operation caused by local oscillation signals in mobile phone and W-LAN module (ensuring self-immunity).
4. Bias Tee modules in optical transceivers

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BLM15GG471SN1#

"#" indicates a package specification code.

Specifications

Shape	SMD
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
Operating Temperature Range	-55℃ to 125℃
Mass(typ.)	0.001g
Number of Circuit	1
Rated Current (at 85℃)	200mA
Rated Current (at 125℃)	200mA
DC Resistance(max.)	1.3Ω
Impedance (at 100MHz)	470Ω
Impedance (at 100MHz) Tolerance	±25%
Impedance (at 1GHz)	1200Ω
Impedance (at 1GHz) Tolerance	±40%
Size Code (in mm)	1005

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"#" indicates a package specification code.

Product Data
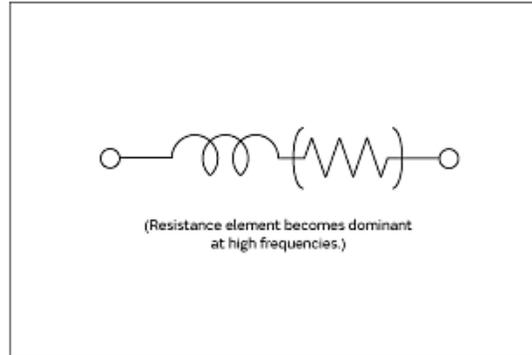
Impedance-Frequency Characteristics

(Resistance element becomes dominant at high frequencies.)

Equivalent Circuit

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 in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.
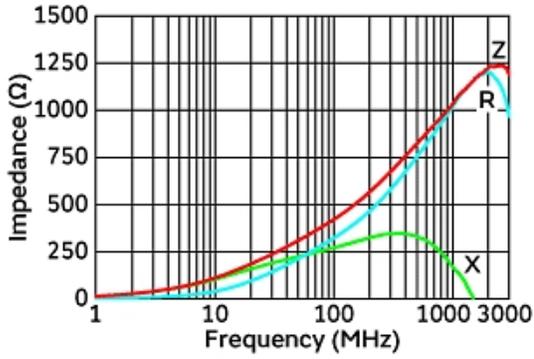
2.This datasheet has only typical specifications because there is no space for detailed specifications.
Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.