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http://www.murata.com/en/products/productdetail?partno=BLM18GG471SN1%23

"#" indicates a package specification code.

BLM18GG471SN1#







< List of part numbers with package codes >

BLM18GG471SN1B

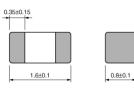
BLM18GG471SN1D

BLM18GG471SN1J



Appearance & Shape









(in mm)



Packaging Information

			Standard
	Packaging	Specifications	Packing
			Quantity
	В	Bulk(Bag)	1000
	D	180mm Paper Tape	4000
	J	330mm Paper Tape	10000



Applications

Other Usage

For general

1 of 4

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Features

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

Features

- 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

- 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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Specifications

Shape	SMD
Size Code (in inch)	0603
Length	1.6mm
Length Tolerance	±0.1mm
Width	0.8mm
Width Tolerance	±0.1mm
Thickness	0.8mm
Thickness Tolerance	±0.1mm
Operating Temperature Range	-55°C to 125°C
Mass(typ.)	0.004g
Number of Circuit	1
Rated Current (at 85°C)	200mA
Rated Current (at 125°C)	200mA
DC Resistance(max.)	1.3Ω
Impedance (at 100MHz)	470Ω
Impedance (at 100MHz) Tolerance	±25%
Impedance (at 1GHz)	1800Ω
Impedance (at 1GHz) Tolerance	±30%
Size Code (in mm)	1608

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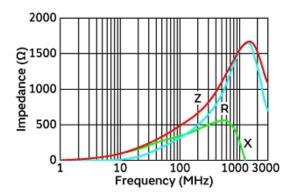
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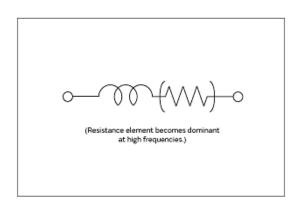
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Impedance-Frequency Characteristics

Equivalent Circuit

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