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BLM18GG471SN1#

"#"at the end indicates the package specification code.

In Production RoHS REACH

< List of part numbers with package codes >

BLM18GG471SN1B BLM18GG471SN1D BLM18GG471SN1J

Applications

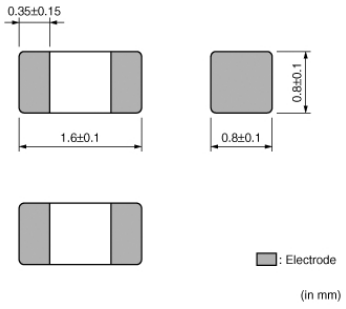
Unsuitable Applications	Please be sure to read and comply with these "Precautions for use."
Specific Applications	Consumer equipment,Medical equipment [GHTF A/B/C] except for implant & surgery & auto injector, Industrial equipment except for transportation & facility & energy equipment Please refer to Our Website and specifications, etc. for information about the performance, functions, quality, management, and safety required for the above applications, and use Products after confirming the performance and reliability of the actual Product.
Recommended Applications	Consumer equipment

Packaging Information

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

Appearance & Shape





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2.This datasheet has only typical specifications because there is no space for detailed specifications.
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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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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℃ to 125℃
Mass(typ.)	0.004g
Number of Circuit	1
Rated Current (at 125℃)	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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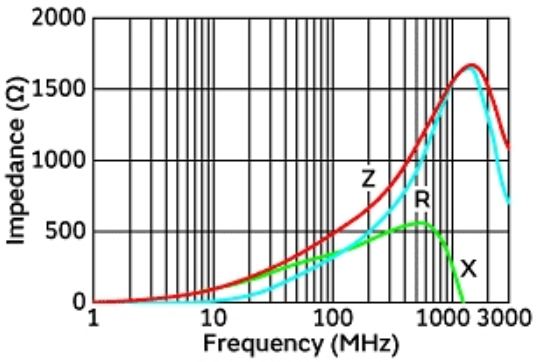
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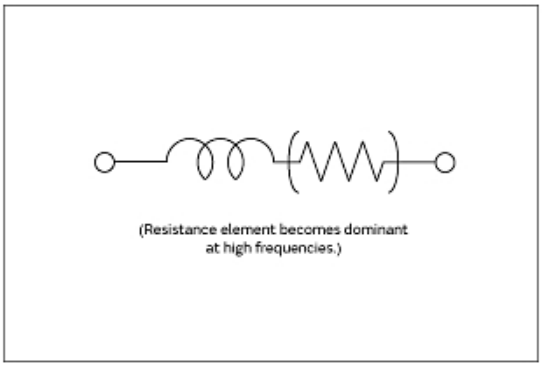
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Product Data



Impedance-Frequency Characteristics



Equivalent Circuit

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