Note: This datasheet may be out of date.
Please download the latest datasheet of BLM18TG221TN1# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-gb/products/productdetail?partno=BLM18TG221TN1%23

BLM18TG221TN1#

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

NRND RoHS REACH

< List of part numbers with package codes >

BLM18TG221TN1B BLM18TG221TN1D

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

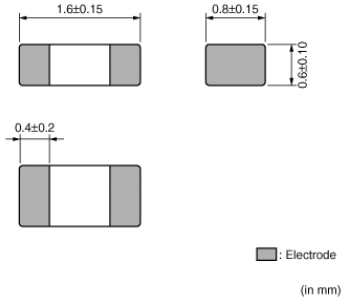
Packaging	Specifications	Standard Packing Quantity
B	Bulk(Bag)	1000
D	180mm Paper Tape	10000

Features

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.
The nickel barrier structure of the external electrodes provides excellent solder heat resistance.
BLM_T series generates an impedance from the relatively low frequencies. Therefore BLM_T series is effective in noise suppression in a wide frequency range (10MHz to several hundred MHz).
BLM_T series contributes further to miniaturizing portable equipment.

Appearance & Shape





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.

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BLM18TG221TN1#

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Specifications

Shape	SMD
Size Code (in inch)	0603
Length	1.6mm
Length Tolerance	±0.15mm
Width	0.8mm
Width Tolerance	±0.15mm
Thickness	0.6mm
Thickness Tolerance	±0.1mm
Operating Temperature Range	-55℃ to 125℃
Mass(typ.)	0.004g
Number of Circuit	1
Rated Current (at 85℃)	200mA
Rated Current (at 125℃)	200mA
DC Resistance(max.)	0.3Ω
Impedance (at 100MHz)	220Ω
Impedance (at 100MHz) Tolerance	±25%
Size Code (in mm)	1608

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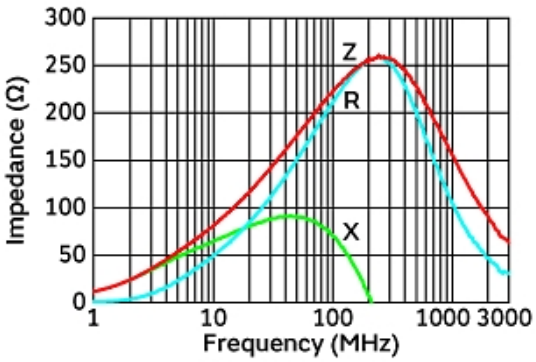
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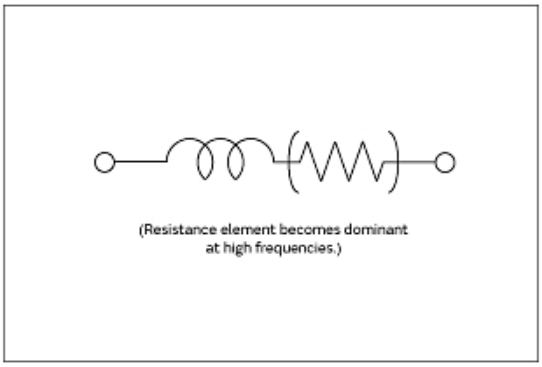
BLM18TG221TN1#

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Product Data



Impedance-Frequency Characteristics



Equivalent Circuit

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