

BLM18TG221TN1#

“#” at the end indicates the package specification code.

● Discontinued

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BLM18TG221TN1B, BLM18TG221TN1D

Last Time Order Due	End of Production	Alternative Products
30/9/2025	31/3/2026	> BLM18AG221SN1#

Applications

Unsuitable Applications	Please be sure to read and comply with these " Precautions for use ".
Specific Applications	<u>Consumer equipment, Industrial equipment except for transportation & facility & energy equipment, Medical equipment [GHTF A/B/C] except for implant & surgery & auto injector</u> 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

Attention

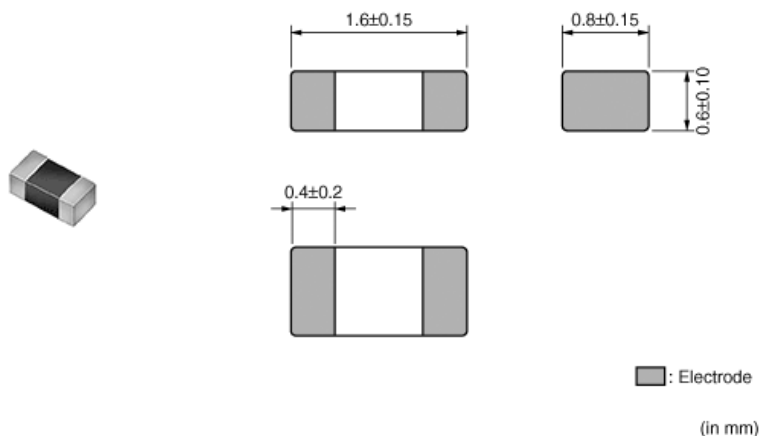
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2. This datasheet has only typical specifications because there is no space for detailed specifications.
- Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

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Appearance & Shape



Length	1.6mm ±0.15mm
Width	0.8mm ±0.15mm
Thickness	0.6mm ±0.1mm
Size code in mm(inch)	1608/0603
Shape	SMD

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Specifications

Operating Temperature	-55 ~ 125°C
Number of Circuit	1
Rated Current (at 85°C)	200mA
Rated Current (at 125°C)	200mA
DC Resistance(max.)	0.3Ω
Impedance (at 100MHz)	220Ω ±25%

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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.

References

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

Mass(Typ.)	
1 piece	0.004g

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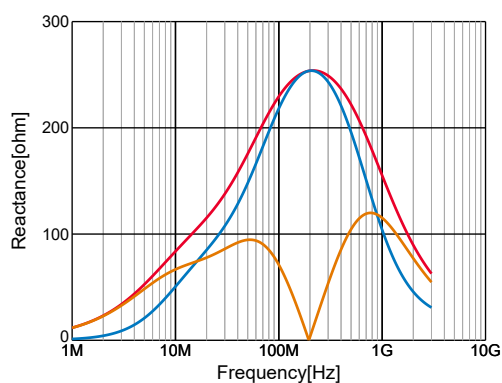
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Frequency Characteristic

周波数特性(|Z|+R+|X|)



BLM18TG221TN1#, |Z|, DCR=0.3ohm, Rated Current=200mA

BLM18TG221TN1#, R, DCR=0.3ohm, Rated Current=200mA

BLM18TG221TN1#, |X|, DCR=0.3ohm, Rated Current=200mA

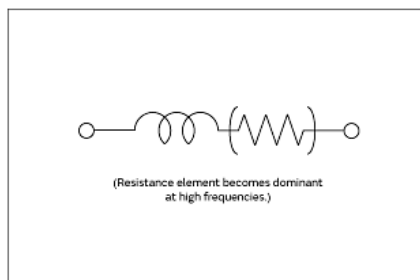
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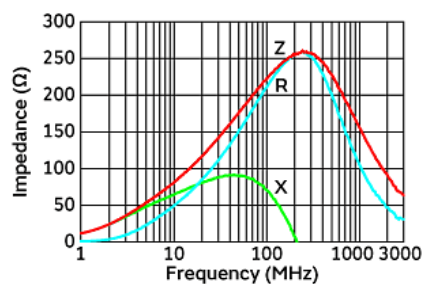
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Product Data



Equivalent Circuit



Impedance-Frequency Characteristics

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