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

BLM18TG102TN1#







< List of part numbers with package codes > BLM18TG102TN1B BLM18TG102TN1D



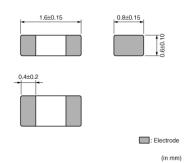
Applications

Please be sure to read and comply with	
these "Precautions for use."	
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.	
Canaumar aquinment	
Consumer equipment	



Appearance & Shape







Packaging Information

Packaging		Standard
	Specifications	Packing
		Quantity
В	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.

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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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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°C to 125°C
Mass(typ.)	0.004g
Number of Circuit	1
Rated Current (at 85°C)	100mA
Rated Current (at 125°C)	100mA
DC Resistance(max.)	0.6Ω
Impedance (at 100MHz)	1000Ω
Impedance (at 100MHz) Tolerance	±25%
Size Code (in mm)	1608

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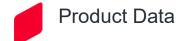
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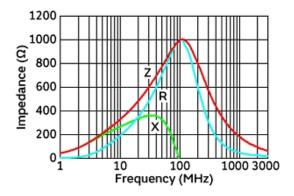
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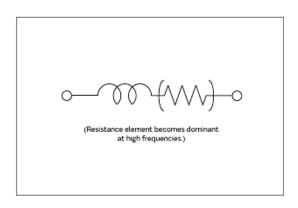
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Impedance-Frequency Characteristics

Equivalent Circuit

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