

BLM18DN151SZ1#

“#” indicates a package specification code.

In Production

RoHS

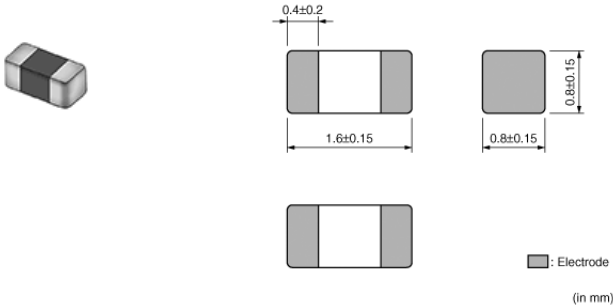
REACH

AEC-Q200

< List of part numbers with package codes >

BLM18DN151SZ1D BLM18DN151SZ1J BLM18DN151SZ1B

Appearance & Shape



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. Low DC Resistance enables large Rated Current

Applications

Automotive Usage	Infotainment
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Packaging Information

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

Attention

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Specifications

Shape	SMD	Mass(typ.)	0.004g
Size Code (in mm)	1608	Number of Circuit	1
Size Code (in inch)	0603		
Length	1.6mm		
Length Tolerance	±0.15mm		
Width	0.8mm		
Width Tolerance	±0.15mm		
Thickness	0.8mm		
Thickness Tolerance	±0.15mm		
Impedance (at 100MHz)	150Ω		
Impedance (at 100MHz) Tolerance	±25%		
Impedance (at 1GHz)	400Ω		
Impedance (at 1GHz) Tolerance	±30%		
Rated Current (at 85°C)	1.4A		
Rated Current (at 125°C)	900mA		
DC Resistance(max.)	0.12Ω		
Operating Temperature Range	-55°C to 125°C		

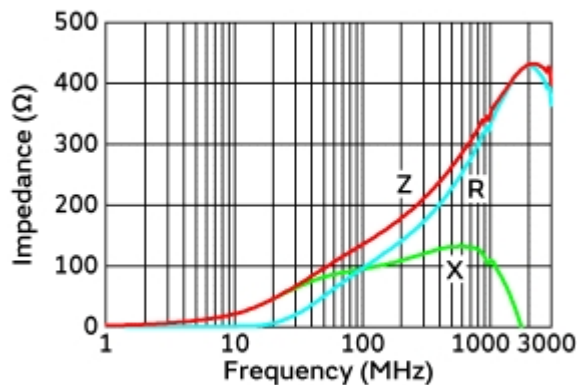
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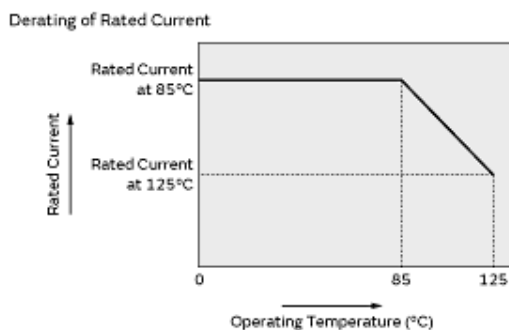
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Product Data

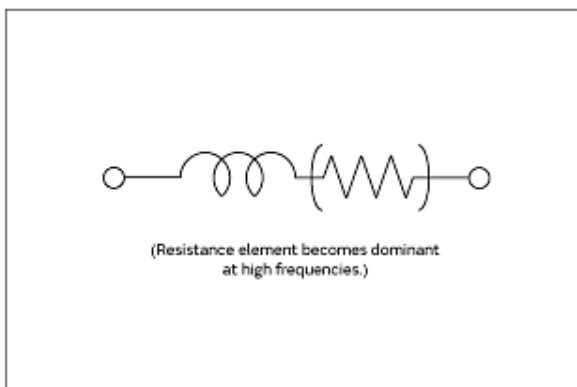


Impedance-Frequency Characteristics

In operating temperature exceeding +85°C, derating of current is necessary for this series.
Please apply the derating curve shown in chart according to the operating temperature.



Derating of Rated Current



Equivalent Circuit

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