

BLM18DN381SZ1#

“#” indicates a package specification code.

In Production

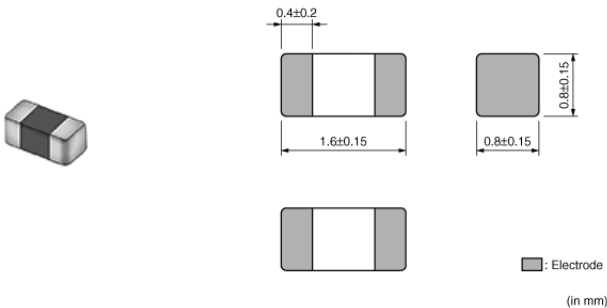
AEC-Q200

RoHS

REACH

< List of part numbers with package codes >
BLM18DN381SZ1D BLM18DN381SZ1J BLM18DN381SZ1B

Appearance & Shape



Packaging Information

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

Applications

Automotive Usage Infotainment

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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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

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Specifications

Shape	SMD
Size Code (in mm)	1608
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)	380Ω
Impedance (at 100MHz) Tolerance	±25%
Impedance (at 1GHz)	1100Ω
Impedance (at 1GHz) Tolerance	±30%
Rated Current (at 85°C)	850mA
Rated Current (at 125°C)	550mA
DC Resistance(max.)	0.325Ω
Operating Temperature Range	-55°C to 125°C
Mass(typ.)	0.004g
Number of Circuit	1

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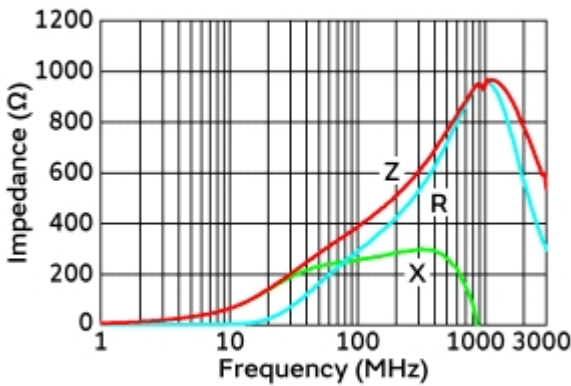
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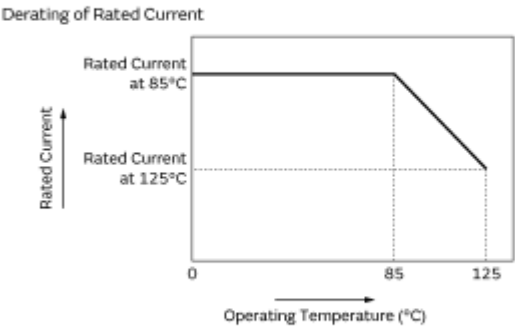
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Product Data

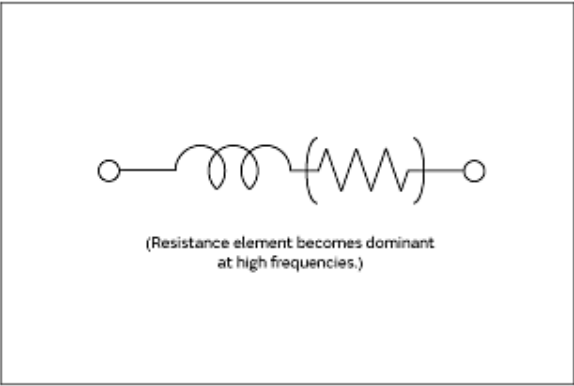


Impedance-Frequency Characteristics

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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