

BLM03EB250SN1#

“#” indicates a package specification code.

In Production

RoHS

REACH

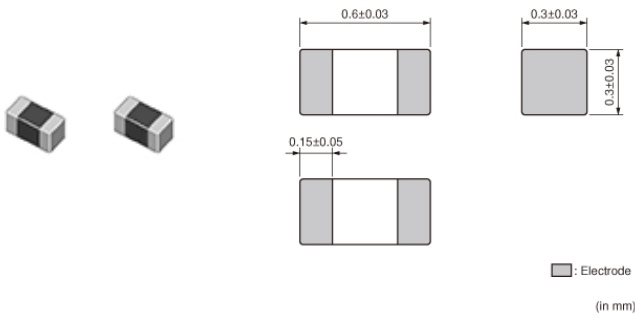
< List of part numbers with package codes >

BLM03EB250SN1B

BLM03EB250SN1D

BLM03EB250SN1J

Appearance & Shape



Packaging Information

Packaging	Specifications	Standard Packing Quantity
B	Bulk(Bag)	1000
D	180mm Paper Tape	15000
J	330mm Paper Tape	50000

Applications

Other Usage	For general
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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

1. Horizontal winding inner coil structure enables low storage capacitance which result to high noise suppression performance.
Effective in LTE range up to 2.6GHz from 700MHz.
2. Low DC Resistance. Large Rated Current.
3. The small size of BLM03E series (0.6x0.3mm) is suitable for noise suppression in small equipment such as cellular phones.

■Application

1. Intra-system EMC in cellular phones.
2. EMI countermeasure of cellular phones.
3. Keyed carrier noise countermeasure for cellular phones.
4. EMI countermeasure of NotePC/MID, and DSC

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Specifications

Shape	SMD
Size Code (in inch)	0201
Length	0.6mm
Length Tolerance	±0.03mm
Width	0.3mm
Width Tolerance	±0.03mm
Thickness	0.3mm
Thickness Tolerance	±0.03mm
Operating Temperature Range	-55°C to 125°C
Mass(typ.)	0.3mg
Number of Circuit	1
Rated Current (at 85°C)	600mA
Rated Current (at 125°C)	450mA
DC Resistance(max.)	0.26Ω
Impedance (at 100MHz)	25Ω
Impedance (at 100MHz) Tolerance	±25%
Impedance (at 1GHz)	105Ω
Impedance (at 1GHz) Tolerance	±40%
Size Code (in mm)	0603

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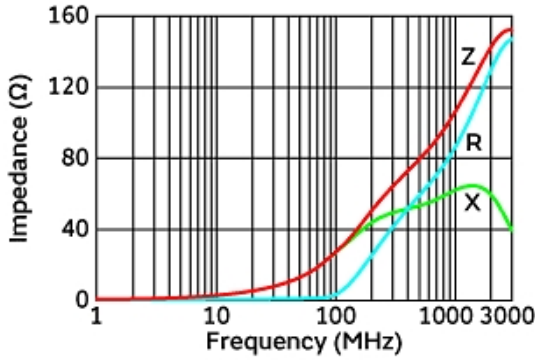
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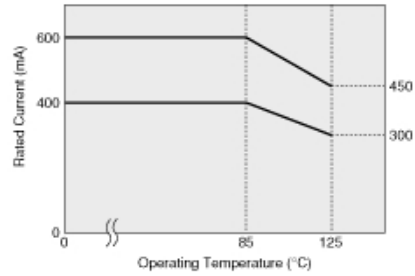
Product Data



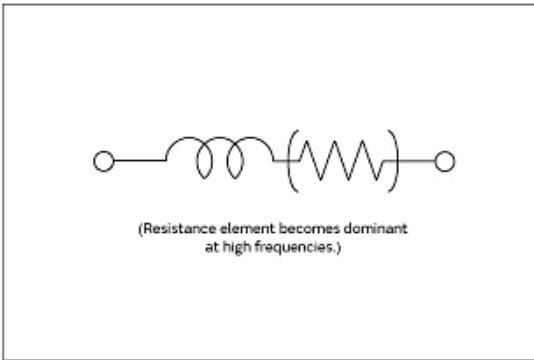
Impedance-Frequency Characteristics

In operating temperature exceeding +85°C, derating of current is necessary for BLM03E series. Please apply the derating curve shown in chart according to the operating temperature.

Derating of Rated Current



Derating of Rated Current



Equivalent Circuit

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