

BLM15EX471SN1#

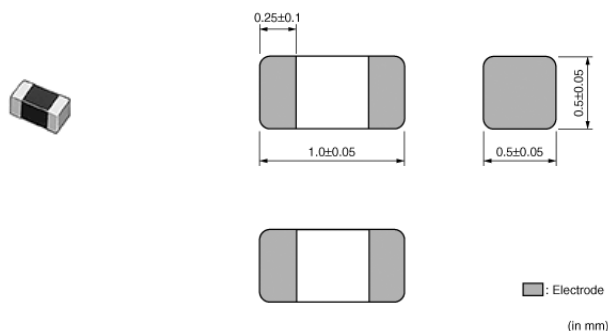
“#” indicates a package specification code.



< List of part numbers with package codes >

BLM15EX471SN1J BLM15EX471SN1B BLM15EX471SN1D

Appearance & Shape



Features

Excellent high frequency impedance characteristics with 0402 (EIA) size.

Features

1. Small size: 1.0x0.5mm (0402)
2. Suitable for noise suppression in 1GHz or higher frequency
3. Low DC Resistance/Large Rated Current (BLM15E) Realize a Low DC Resistance than conventional products.
4. No Lead production using Ni+Sn plating in termination

Applications

1. EMI suppression for Note PC and DSC
2. Noise suppression for data line in mobile phone
3. Copying machines, communications equipment, digital TV / VTR noise suppression.
4. Noise suppression in mobile wireless machine.

Applications

Other Usage	For general
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Packaging Information

Packaging	Specifications	Minimum Order Quantity
J	330mm Paper Tape	50000
B	Bulk(Bag)	1000
D	180mm Paper Tape	10000

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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Specifications

Shape	SMD	Mass(typ.)	0.001g
Size Code (in mm)	1005	Number of Circuit	1
Size Code (in inch)	0402		
Length	1.0mm		
Length Tolerance	±0.05mm		
Width	0.5mm		
Width Tolerance	±0.05mm		
Thickness	0.5mm		
Thickness Tolerance	±0.05mm		
Impedance (at 100MHz)	470Ω		
Impedance (at 100MHz) Tolerance	±25%		
Impedance (at 1GHz)	630Ω		
Impedance (at 1GHz) Tolerance	±40%		
Rated Current (at 85°C)	950mA		
Rated Current (at 125°C)	600mA		
DC Resistance(max.)	0.28Ω		
Operating Temperature Range	-55°C to 125°C		

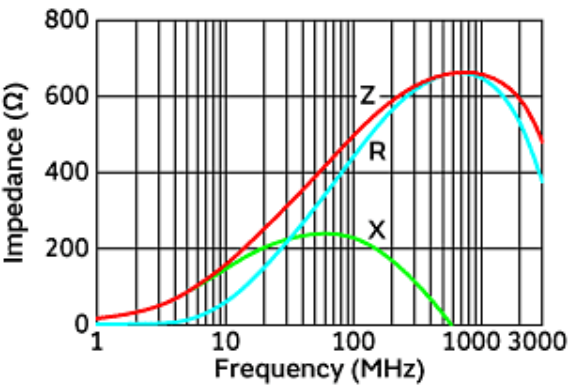
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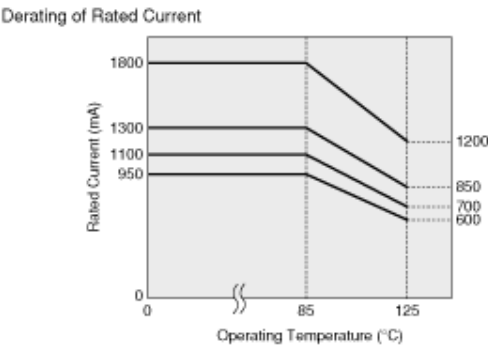
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Product Data

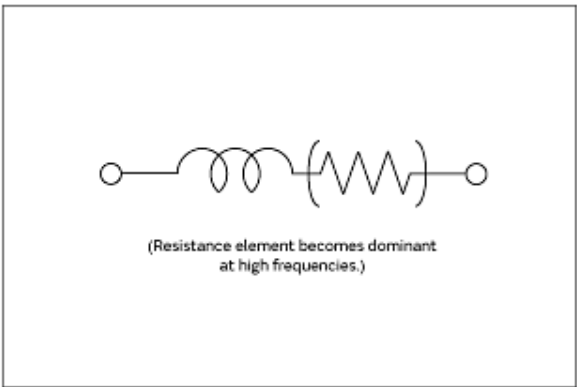


Impedance-Frequency Characteristics

In operating temperature exceeding +85°C, derating of current is necessary for BLM15EX series.
Please apply the derating curve shown in chart according to the operating temperature.



Derating of Rated Current



Equivalent Circuit

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