

BLM15HG102SN1#

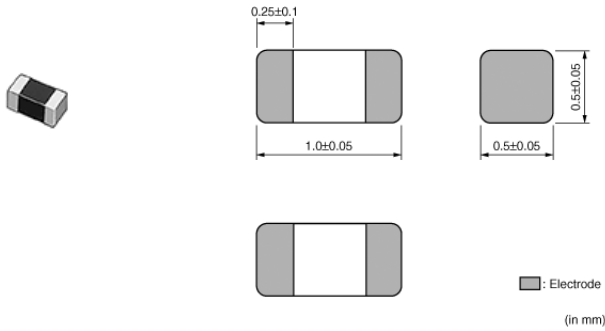
“#” indicates a package specification code.



< List of part numbers with package codes >

BLM15HG102SN1B BLM15HG102SN1D BLM15HG102SN1J

Appearance & Shape



Features

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

Features (BLM15HG/HD/EG Series)

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)
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. Prevention of erroneous operation caused by local oscillation signal in mobile phone
4. Optical pickup modules

Applications

Other Usage	For general
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Packaging Information

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

Attention

1. This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.
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	Impedance (at 1GHz) Tolerance	±40%
Size Code (in mm)	1005		
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		
Rated Current	250mA		
Operating Temperature Range	-55°C to 125°C		
Mass(typ.)	0.001g		
Number of Circuit	1		
DC Resistance(max.)	1.1Ω		
Impedance (at 100MHz)	1000Ω		
Impedance (at 100MHz) Tolerance	±25%		
Impedance (at 1GHz)	1400Ω		

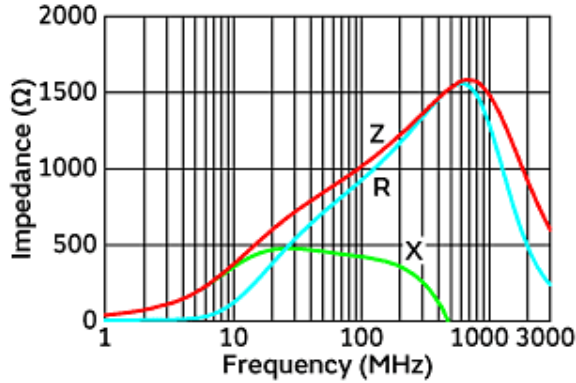
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Product Data



Impedance-Frequency Characteristics



Equivalent Circuit

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