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INNOVATOR IN ELECTRONICS

Product Search Data Sheet

Note: This datasheet may be out of date.
Please download the latest datasheet of BLM15HG102SN1# from the official website of Murata Manufacturing Co., Ltd.
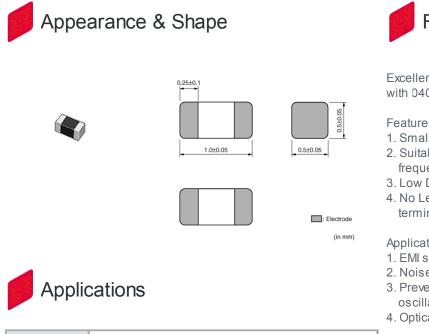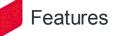https://www.murata.com/en-eu/products/productdetail?partno=BLM15HG102SN1%23

BLM15HG102SN1#

"#" indicates a package specification code.

In Production   RoHS   REACH

< List of part numbers with package codes >
BLM15HG102SN1B   BLM15HG102SN1D   BLM15HG102SN1J

Appearance & Shape

0.25±0.1
1.0±0.05
0.5±0.05
0.5±0.05

■: Electrode

(in mm)

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

Packaging Information

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

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URL : https://www.murata.com/

Last updated : 2018/08/23

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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)	1000Ω		
Impedance (at 100MHz) Tolerance	±25%		
Impedance (at 1GHz)	1400Ω		
Impedance (at 1GHz) Tolerance	±40%		
Rated Current (at 85℃)	250mA		
Rated Current (at 125℃)	250mA		
DC Resistance(max.)	1.1Ω		
Operating Temperature Range	-55℃ to 125℃		

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.
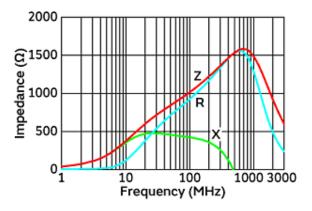
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Product Data

Impedance-Frequency Characteristics

(Resistance element becomes dominant at high frequencies.)

Equivalent Circuit

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