

BLM15HD182SN1#

“#” at the end indicates the package specification code.

● In Production

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BLM15HD182SN1B, BLM15HD182SN1D, BLM15HD182SN1J

Applications

Unsuitable Applications	Please be sure to read and comply with these " <u>Precautions for use</u> ".
Specific Applications	<u>Consumer equipment, Industrial equipment except for transportation & facility & energy equipment, Medical equipment [GHTF A/B/C] except for implant & surgery & auto injector</u> Please refer to Our Website and specifications, etc. for information about the performance, functions, quality, management, and safety required for the above applications, and use Products after confirming the performance and reliability of the actual Product.
Recommended Applications	Consumer equipment

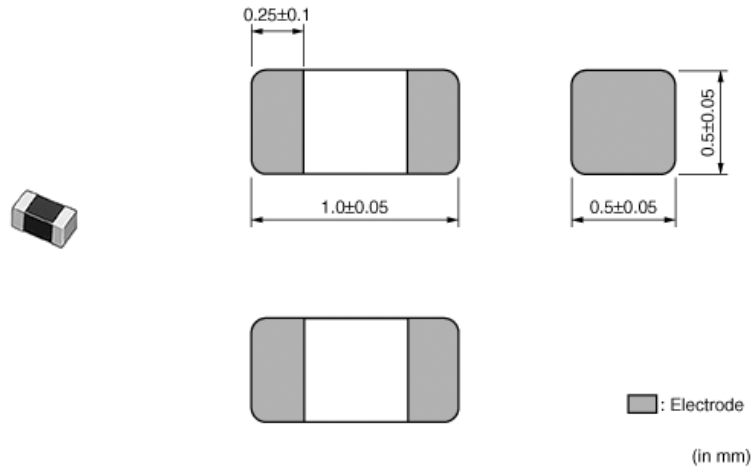
Attention

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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Appearance & Shape



Length	1mm ±0.05mm
Width	0.5mm ±0.05mm
Thickness	0.5mm ±0.05mm
Size code in mm(inch)	1005/0402
Shape	SMD

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Specifications

Operating Temperature	-55 ~ 125°C
Number of Circuit	1
Rated Current (at 125°C)	200mA
DC Resistance(max.)	2.2Ω
Impedance (at 100MHz)	1,800Ω ±25%
Impedance (at 1GHz)	2,700Ω ±40%

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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

References

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

Mass(Typ.)	
1 piece	0.001g

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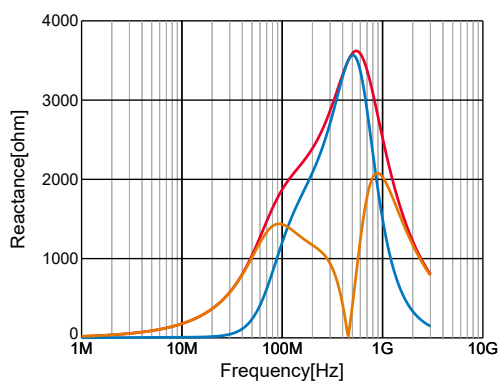
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Frequency Characteristic

周波数特性(|Z|+R+|X|)



BLM15HD182SN1#,|Z|,DCR=2.2ohm, Rated Current=200mA

BLM15HD182SN1#,R,DCR=2.2ohm, Rated Current=200mA

BLM15HD182SN1#,|X|,DCR=2.2ohm, Rated Current=200mA

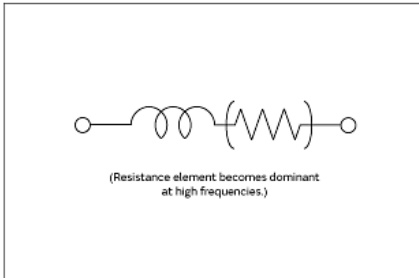
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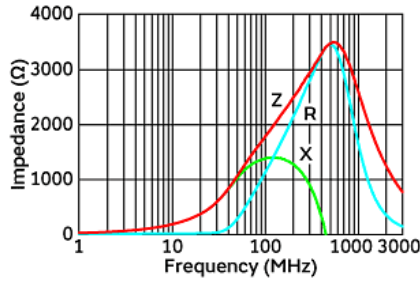
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Product Data



Equivalent Circuit



Impedance-Frequency Characteristics

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