

# BLM21HE802SN1#

Note: If you have not downloaded this document from our official website, please note that the information provided may not be the most current.

Please download the latest datasheet of BLM21HE802SN1# from the official website of Murata

"#"at the end indicates the package specification code.







## < List of part numbers with package codes >

BLM21HE802SN1B

BLM21HE802SN1K

BLM21HE802SN1L



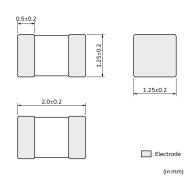
### **Applications**

In		
Please be sure to read and comply with		
these "Precautions for use."		
Consumer equipment,Medical		
equipment [GHTF A/B/C] except for		
implant & surgery & auto injector,		
Industrial equipment except for		
transportation & facility & energy		
equipment		
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.		
0		
Consumer equipment		



## Appearance & Shape







### Packaging Information

Packaging	Specifications	Standard Packing Quantity
В	Bulk(Bag)	1000
K	330mm Embossed Tape	10000
L	180mm Embossed Tape	3000



### **Features**

- 1. Applying some improvement to BLM18H series, it realizes high impedance characteristics at several tens of MHz to several GHz and is suitable for wideband noise removal.
- 2. Low DC Resistance and a large Rated Current are suitable for noise suppression of the driver circuit.
- 3. The magnetic shielded structure minimizes crosstalk.

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



1 of 3



# BLM21HE802SN1#

Note: If you have not downloaded this document from our official website, please note that the information provided may not be the most current.

Please download the latest datasheet of BLM21HE802SN1# from the official website of Murata

http://www.murata.com/en-sg/products/productdetail?partno=BLM21HE802SN1%2

"#"at the end indicates the package specification code.



# Specifications

Shape	SMD
Size Code (in inch)	0805
Length	2.0mm
Length Tolerance	±0.2mm
Width	1.25mm
Width Tolerance	±0.2mm
Thickness	1.25mm
Thickness Tolerance	±0.2mm
Operating Temperature Range	-55°C to 125°C
Mass(typ.)	0.0098g
Number of Circuit	1
Rated Current (at 85°C)	650mA
Rated Current (at 125°C)	500mA
DC Resistance(max.)	0.7Ω
Impedance (at 100MHz)	8000Ω
Impedance (at 100MHz) Tolerance	±25%
Impedance (at 1GHz)	850Ω
Impedance (at 1GHz) Tolerance	±40%
Size Code (in mm)	2012

2 of 3

### 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.

 $2. This \ data{sheet has only typical specifications because there is no \ space for \ detailed \ specifications.}$ 

Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.



## BLM21HE802SN1#

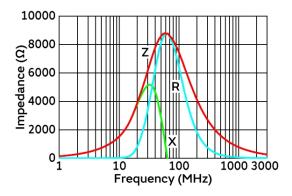
Note: If you have not downloaded this document from our official website, please note that the information provided may not be the most current.

Please download the latest datasheet of BLM21HE802SN1# from the official website of Murata

http://www.murata.com/en-sg/products/productdetail?partno=BLM21HE802SN1%23

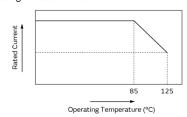
"#"at the end indicates the package specification code.



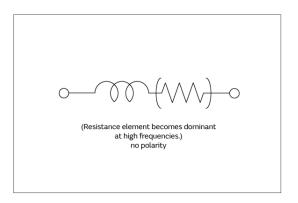


In operating temperature exceeding +85°C, derating of current is necessary for this series. Please apply the derating curve shown in chart according to the operating temperature.

Derating of Rated Current



Impedance-Frequency Characteristics



**Derating of Rated Current** 

**Equivalent Circuit** 

3 of 3

### 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.
- $2. This \ data{sheet has only typical specifications because there is no \ space for \ detailed \ specifications.}$
- Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering

