

# BLM21HE601SN1L

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 BLM21HE601SN1# from the official website of Murata

http://www.murata.com/en-gb/products/productdetail?partno=BI\_M21HE601SN1%23

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







< List of part numbers with package codes >

BLM21HE601SN1B

BLM21HE601SN1K

BLM21HE601SN1L



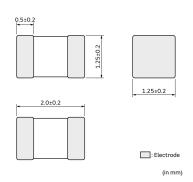
### **Applications**

Unsuitable	Please be sure to read and comply with	
Applications	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	
Specific	Please refer to Our Website and	
Applications	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	Consumer equipment	
Applications	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.

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#### 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
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)	2300mA
Rated Current (at 125°C)	1500mA
DC Resistance(max.)	0.055Ω
Impedance (at 100MHz)	600Ω
Impedance (at 100MHz) Tolerance	±25%
Impedance (at 1GHz)	450Ω
Impedance (at 1GHz) Tolerance	±40%
Size Code (in mm)	2012

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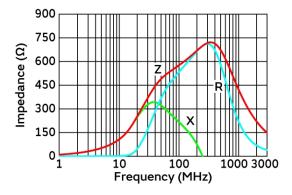
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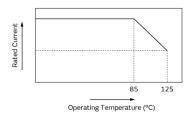




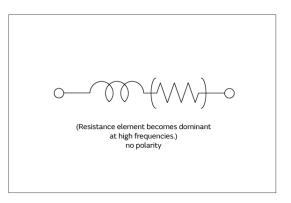
In operating temperature exceeding +85°C, derating of current is necessary for this series.

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** 

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