Note: This datasheet may be out of date.

Please download the latest datasheet of BLM21AG601SN1# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=BLM21AG601SN1%23

"#" indicates a package specification code.

### BLM21AG601SN1#







< List of part numbers with package codes >

BLM21AG601SN1B

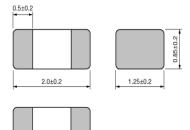
BLM21AG601SN1D

BLM21AG601SN1J



### Appearance & Shape







(in mm)



## **Applications**

Other Usage For general



#### **Packaging Information**

Packaging	Specifications	Standard Packing Quantity
В	Bulk(Bag)	1000
D	180mm Paper Tape	4000
J	330mm Paper Tape	10000



#### **Features**

The chip ferrite beads BLM series is designed to function nearly as a resistor at noise frequencies, which greatly reduces the possibility of resonance and leaves signal wave forms undistorted.

BLM series is effective in circuits without stable ground lines because BLM series does not need a connection to ground.

The nickel barrier structure of the external electrodes provides excellent solder heat resistance. BLM\_Aseries generates an impedance from the relatively low frequencies. Therefore BLM\_Aseries is effective in noise suppression in a wide frequency range (30MHz to several hundred MHz).

1 of 3

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BLM21AG601SN1#

#### 5

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"#" indicates a 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	0.85mm
Thickness Tolerance	±0.2mm
Operating Temperature Range	-55°C to 125°C
Mass(typ.)	0.01g
Number of Circuit	1
Rated Current (at 85°C)	700mA
Rated Current (at 125°C)	700mA
DC Resistance(max.)	0.2Ω
Impedance (at 100MHz)	600Ω
Impedance (at 100MHz) Tolerance	±25%
Size Code (in mm)	2012

2 of 3

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# BLM21AG601SN1#

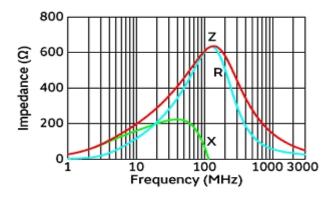
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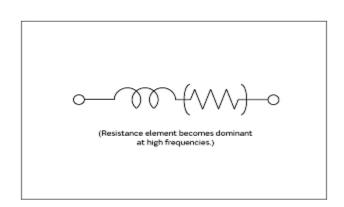
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Impedance-Frequency Characteristics

**Equivalent Circuit** 

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