

Note: This datasheet may be out of date.

Please download the latest datasheet of BLM21SN300SH1# from the official website of Murata Manufacturing

https://www.murata.com/en-us/products/productdetail?partno=BLM21SN300SH1%23

## BLM21SN300SH1#

"#" indicates a package specification code.









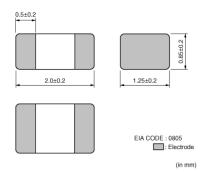
< List of part numbers with package codes >

BLM21SN300SH1D BLM21SN300SH1J BLM21SN300SH1B



## Appearance & Shape







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. BLM21SN series can be used in high current circuits due to its low DC resistance.

It can match power lines to a maximum of 8.5ADC.

## Applications

Automotive Usage	Powertrain/Safety
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## Packaging Information

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

1 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 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



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

Last updated :2019/09/10

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Shape	SMD
Size Code (in mm)	2012
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
Impedance (at 100MHz)	30Ω
Impedance (at 100MHz) Tolerance	±10Ω
Rated Current (at 85°C)	8.5A
Rated Current (at 125°C)	6A
DC Resistance(max.)	0.004Ω
Operating Temperature Range	-55°C to 125°C
Mass(typ.)	0.01g
Number of Circuit	1

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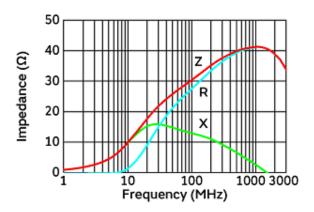
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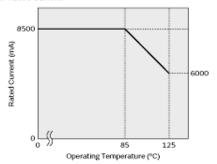
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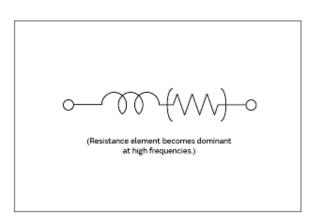
In operating temperature exceeding +85°C, derating of current is necessary for BLM21SN series. Please apply the derating curve shown in chart according to the operating temperature.

Derating of Rated Current



Impedance-Frequency Characteristics





**Equivalent Circuit** 

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### **ПОСТАВКА** ЭЛЕКТРОННЫХ КОМПОНЕНТОВ

Общество с ограниченной ответственностью «МосЧип» ИНН 7719860671 / КПП 771901001 Адрес: 105318, г.Москва, ул.Щербаковская д.3, офис 1107

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