

Note: This datasheet may be out of date. Please download the latest datasheet of BLM21PG300SN1# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-us/products/productdetail?partno=BLM21PG300SN1%23

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

In Production

RoHS REACH

BLM21PG300SN1#

< List of part numbers with package codes > BLM21PG300SN1B BLM21PG300SN1D BLM21PG300SN1J

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		

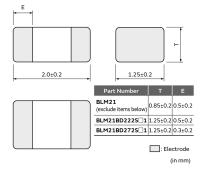


# **Packaging Information**

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

Appearance & Shape





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2. This datasheet has only typical specifications because there is no space for detailed specifications.

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Product Search Data Sheet

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### 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.

2. The nickel barrier structure of the external electrodes provides excellent solder heat resistance.

3.BLM\_P series can be used in high current circuits due to its low DC resistance. It can match power lines to a maximum of 6ADC.

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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	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)	4000mA
Rated Current (at 125°C)	2300mA
DC Resistance(max.)	0.014Ω
Impedance (at 100MHz)	30Ω
Impedance (at 100MHz) Tolerance	(Тур.)
Size Code (in mm)	2012

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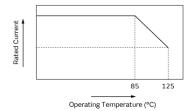
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### 

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

(Resistance element becomes dominant

at high frequencies.) no polarity

**Equivalent Circuit** 

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