

Product Search Data Sheet

BLM21PG300SN1#

Note: This datasheet may be out of date.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/products/productdetail?partno=BLM21PG300SN1%23

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

In Production RoHS REACH

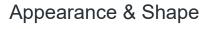
< List of part numbers with package codes > BLM21PG300SN1B BLM21PG300SN1D BLM21PG300SN1J

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





				⊢
2.0±0.2	-	1.25±0	.2	
		Part Number	т	Е
		BLM21 (exclude items below)	0.85±0.2	0.5±0.2
		BLM21BD222S	1.25±0.2	0.5±0.2
		BLM21BD272S	1.25±0.2	0.3±0.2
			: Ele	ctrode
			(	in mm)

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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.





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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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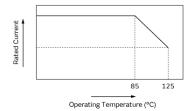
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# (C) every e

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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