Note: This datasheet may be out of date.

Please download the latest datasheet of BLM21PG600SN1# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=BLM21PG600SN1%23

"#" indicates a package specification code.









< List of part numbers with package codes >

BLM21PG600SN1B

BLM21PG600SN1D

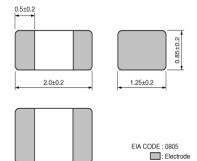
BLM21PG600SN1J

(in mm)



Appearance & Shape







Packaging Information

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



Applications

Other Usage For general

1 of 4

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.



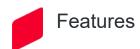
BLM21PG600SN1#

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http://www.murata.com/en/products/productdetail?partno=BLM21PG600SN1%2

"#" indicates a package specification code.



- 1.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.

2 of 4

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"#" indicates a package specification code.



Specifications

Shape	SMD
Onapo	- CMB
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)	3.5A
Rated Current (at 125°C)	1.9A
DC Resistance(max.)	0.02Ω
Impedance (at 100MHz)	60Ω
Impedance (at 100MHz) Tolerance	±25%
Size Code (in mm)	2012

3 of 4

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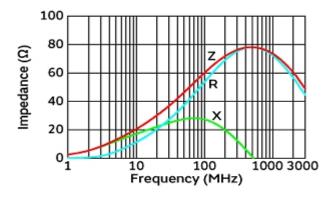
Note: This datasheet may be out of date. Please download the latest datasheet of BLM21PG600SN1# from the official website of Murata

http://www.murata.com/en/products/productdetail?partno=BLM21PG600SN1%23

"#" indicates a package specification code.

BLM21PG600SN1#

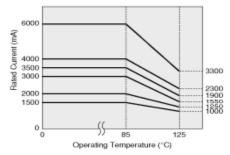




In operating temperature exceeding +85°C, derating of current is necessary for BLM21PG series. Please apply the derating curve shown in chart according to the operating temperature.

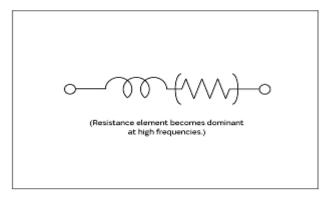
Derating of Rated Current

Manufacturing Co., Ltd.



Impedance-Frequency Characteristics





Equivalent Circuit

4 of 4

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