

Note: If you have not downloaded this document from our official website, please note that the information provided may not be the most current.

Please download the latest datasheet of BLM02PX100SN1# from the official website of Murata

http://www.murata.com/an.us/nradusta/nradustdatail?nartna-RI M02RV100CN10/ 22

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







< List of part numbers with package codes > BLM02PX100SN1B BLM02PX100SN1D



Applications

11 27 11	B
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	Canadiana
Applications	Consumer equipment



Packaging Information

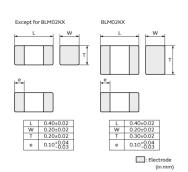
	Packaging	Specifications	Standard
			Packing
			Quantity
	В	Bulk(Bag)	1000
	D	180mm Paper Tape	20000



Appearance & Shape







1 of 4

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.



Note: If you have not downloaded this document from our official website, please note that the information provided may not be the most current.

Please download the latest datasheet of BLM02PX100SN1# from the official website of Murata

http://www.murata.com/en-us/products/productdetail?partno=BLM02PX100SN1%23

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



Features

- 1.The chip ferrite beads BLM02P 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.

 BLM02P series is effective in circuits without stable ground lines because BLM02P series does not need a connection to ground.
- 2.The nickel barrier structure of the external electrodes provides excellent solder heat resistance.
- 3.BLM02P series can be used in high current circuits due to its low DC resistance.
- It can match power lines to a maximum of 1.1ADC.
- 4.The small size of BLM02P series (0.4x0.2mm) is suitable for advanced high-density mounting.

2 of 4

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





Note: If you have not downloaded this document from our official website, please note that the information provided may not be the most current.

Please download the latest datasheet of BLM02PX100SN1# from the official website of Murata

http://www.murata.com/en-us/products/productdetail?partno=BLM02PX100SN1%2

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



Specifications

Shape	SMD
Size Code (in inch)	01005
Length	0.4mm
Length Tolerance	±0.02mm
Width	0.2mm
Width Tolerance	±0.02mm
Thickness	0.2mm
Thickness Tolerance	±0.02mm
Operating Temperature Range	-55°C to 125°C
Mass(typ.)	0.08mg
Number of Circuit	1
Rated Current (at 85°C)	1100mA
Rated Current (at 125°C)	850mA
DC Resistance(max.)	0.05Ω
Impedance (at 100MHz)	10Ω
Impedance (at 100MHz) Tolerance	±5Ω
Size Code (in mm)	0402

3 of 4

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.



Note: If you have not downloaded this document from our official website, please note that the information provided may not be the most current.

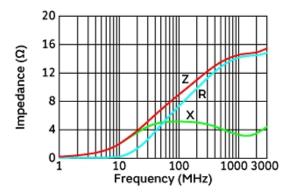
Please download the latest datasheet of BLM02PX100SN1# from the official website of Murata

http://www.murata.com/en-us/products/productdetail?partno=BLM02PX100SN1%23

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

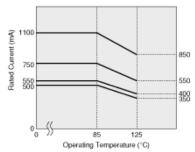


Product Data



In operating temperature exceeding +85°C, derating of current is necessary for BLM02PX series. Please apply the derating curve shown in chart according to the operating temperature.

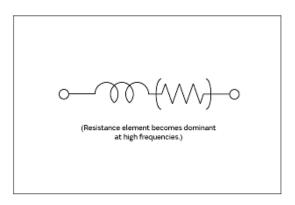
Derating of Rated Current



Impedance-Frequency Characteristics



Derating of Rated Current



Equivalent Circuit

4 of 4

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