

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 BNX029-01# from the official website of Murata

http://www.murata.com/en-us/products/productdetail?partno=BNX029-01%2

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







< List of part numbers with package codes > BNX029-01B BNX029-01K BNX029-01L



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	Consumer equipment



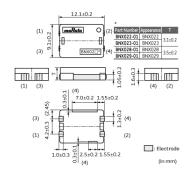
Packaging Information

Packaging	Specifications	Standard Packing
		Quantity
В	Bulk(Bag)	100
К	330mm Embossed Tape	1500
L	180mm Embossed Tape	400



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 BNX029-01# from the official website of Murata

http://www.murata.com/en-us/products/productdetail?partno=BNX029-01%2

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



BNX022/023/028/029 is SMD type high performance and provides excellent noise suppression on DC power lines.

Features

- 1. Large rated current (20A)
- 2. Supporting wide frequency range From 15kHz to 1GHz:35dB min. (BNX029)
- 3. Mounting area and volume is reduced.
- 4. Effective for impulse noise such as electrostatic discharge or spike noise.

Applications

- 1. Displays (PDP/LCD-TV)
- 2. Digital AV equipment
- 3. Amusement equipment
- 4. PC peripheral equipment
- 5. Industry equipment, measurement equipment, power supplies

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 BNX029-01# from the official website of Murata

http://www.murata.com/en-us/products/productdetail?partno=BNX029-01%2

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



Specifications

Shape	SMD
Length	12.1mm
Length Tolerance	±0.2mm
Width	9.1mm
Width Tolerance	±0.2mm
Thickness	3.5mm
Thickness Tolerance	±0.2mm
Rated Current	20A
Operating Temperature Range	-40°C to 125°C
Mass(typ.)	0.8g
Rated Voltage	6.3Vdc
Withstanding Voltage	15.8Vdc
Insulation Resistance(min.)	0.5ΜΩ
Insertion Loss	15kHz to 1GHz:35dB min. (Line impedance=50Ω)

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.





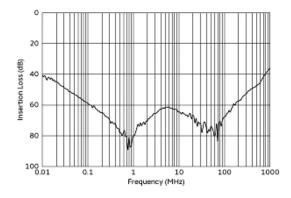
Note: If you have not downloaded this document from our official website, please note that the information provided may not be the most current.

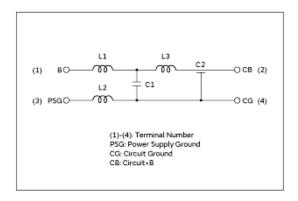
Please download the latest datasheet of BNX029-01# from the official website of Murata

http://www.murata.com/en-us/products/productdetail?partno=BNX029-01%2

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



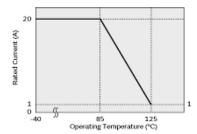




Insertion Loss Characteristics

In operating temperature exceeding +85°C, derating of current is necessary for BNX023/029 series. Please apply the derating curve shown in chart according to the operating temperature.

Derating of Rated Current



Equivalent Circuit

Derating of Rated Current

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.
- $2. This \ data{sheet has only typical specifications because there is no \ space for \ detailed \ specifications.}$
- Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

