

BNX022-01#

“#” at the end indicates the package specification code.

● In Production

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BNX022-01B, **BNX022-01L**, BNX022-01K

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.

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Applications

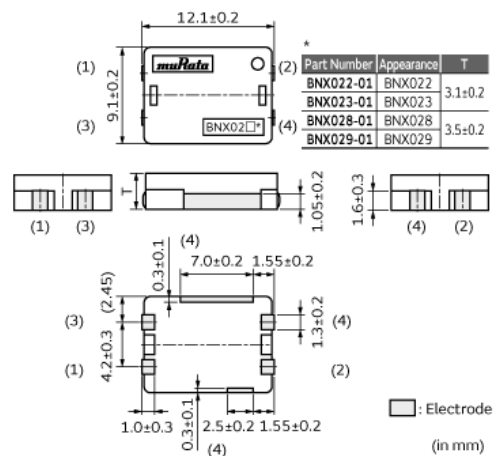
Unsuitable Applications	Please be sure to read and comply with these " <u>Precautions for use</u> ".
Specific Applications	<u>Consumer equipment,Industrial equipment except for transportation & facility & energy equipment,Medical equipment [GHTF A/B/C] except for implant & surgery & auto injector</u> Please refer to Our Website and 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 Applications	Consumer equipment

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Appearance & Shape



Length	12.1mm ±0.2mm
Width	9.1mm ±0.2mm
Thickness	3.1mm ±0.2mm

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Specifications

Shape	SMD
Rated Current	20A
Operating Temperature	-40 ~ 125℃
Rated Voltage	50Vdc
Withstanding Voltage	125Vdc
Insulation Resistance(min.)	500MΩ
Insertion Loss	1MHz to 1GHz:35dB min. (Line impedance=50Ω)

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Features

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 electro-static 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

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References

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

Mass(Typ.)	
1 piece	0.8g

Attention

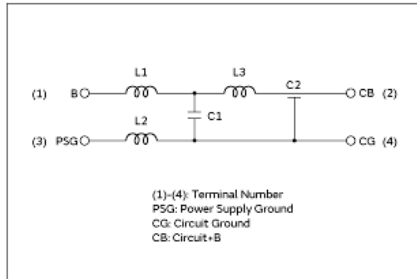
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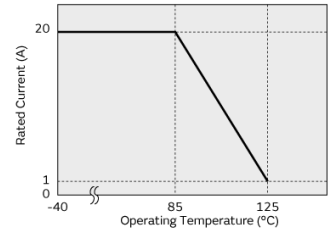
Product Data



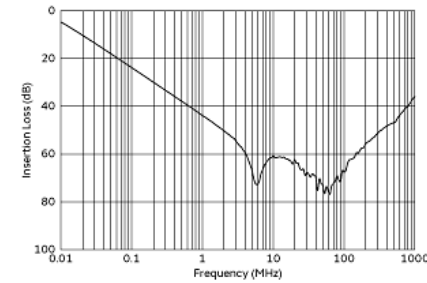
Equivalent Circuit

In operating temperature exceeding +85°C, derating of current is necessary for BNX022/023/029/024H/025H/026H/027H series. Please apply the derating curve shown in chart according to the operating temperature.

Derating of Rated Current



Derating of Rated Current



Insertion Loss Characteristics

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