Note: This datasheet may be out of date.
Please download the latest datasheet of BNX022-01# from the official website of Murata Manufacturing Co., Ltd.
https://www.murata.com/en-global/products/productdetail?partno=BNX022-01%23

BNX022-01#

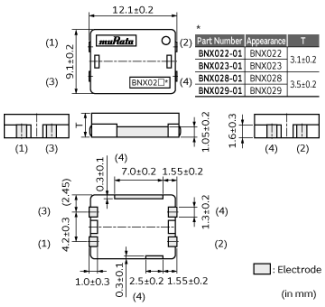
"#" indicates a package specification code.

In Production RoHS REACH

< List of part numbers with package codes >

BNX022-01K BNX022-01L BNX022-01B

Appearance & Shape



Features

BNX02□ series is SMD type high performance and provides excellent noise suppression on DC power lines.

Features
1. Large rated current (10A-15A)
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

Applications

Other Usage	For general

Packaging Information

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

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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BNX022-01#

"#" indicates a package specification code.

Specifications

Shape	SMD
Length	12.1mm
Length Tolerance	±0.2mm
Width	9.1mm
Width Tolerance	±0.2mm
Thickness	3.1mm
Thickness Tolerance	±0.2mm
Rated Current	20A
Operating Temperature Range	-40℃ to 125℃
Mass(typ.)	0.8g
Rated Voltage	50Vdc
Withstanding Voltage	125Vdc
Insulation Resistance(min.)	500MΩ
Insertion Loss	1MHz to 1GHz:35dB min. (Line impedance=50Ω)

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BNX022-01#

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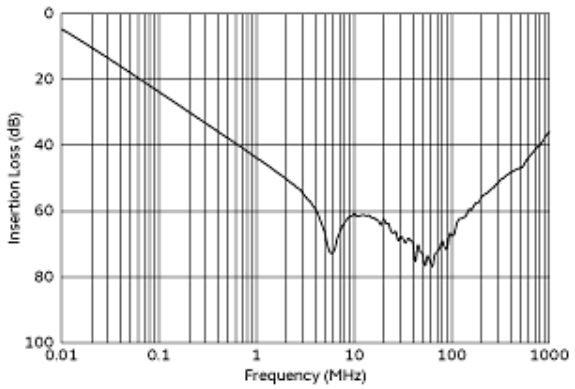
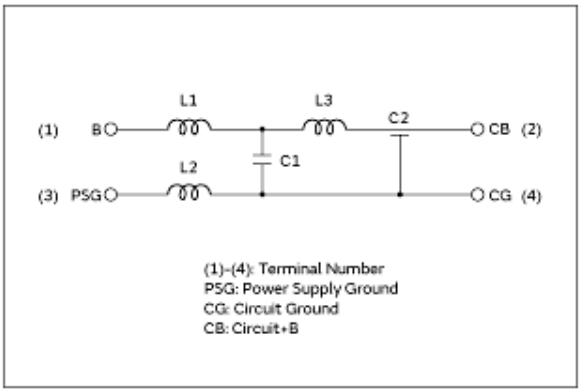
Product Data

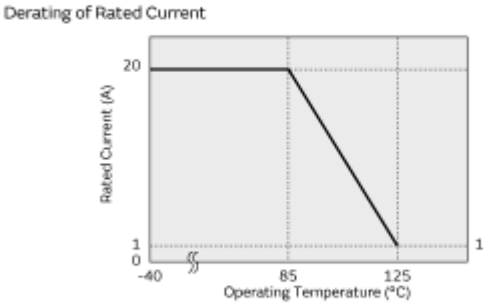


Insertion Loss Characteristics



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

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