Note: This datasheet may be out of date.
Please download the latest datasheet of BNX002-01 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-sg/products/productdetail?partno=BNX002-01

BNX002-01

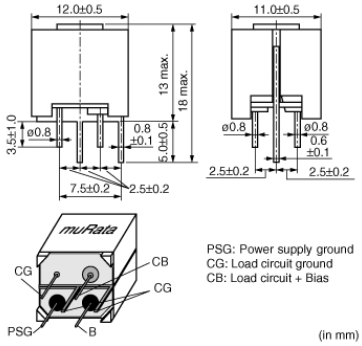
Discontinued RoHS REACH

Applications

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

Appearance & Shape





Packaging Information

Packaging	Specifications	Standard Packing Quantity
-	Box	100

Features

The block type "EMIFIL" BNX series incorporates through-type capacitor, monolithic chip capacitors and bead. The BNX is high performance for use in DC power circuits.

Features
1. The filter enables obtaining high insertion loss in wide frequency ranges from 1MHz to 1GHz.
2. Effective for impulse noise such as electrostatic discharge or spike noise.
3. There are no connection routes in the current circuits, thus ensuring highly reliable performance.

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

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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BNX002-01

Specifications

Shape	Lead
Length	12.0mm
Length Tolerance	±0.5mm
Width	11.0mm
Width Tolerance	±0.5mm
Thickness	13.0mm
Thickness Tolerance	max.
Rated Current	10A
Operating Temperature Range	-30℃ to 85℃
Mass(typ.)	3.0g
Rated Voltage	50Vdc
Withstanding Voltage	125Vdc
Insulation Resistance(min.)	100MΩ
Insertion Loss	1MHz to 1GHz:40dB min. (Line impedance=50Ω)

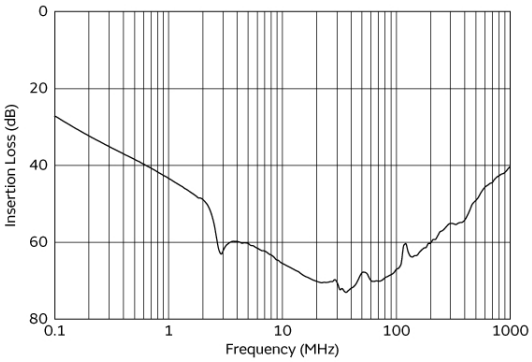
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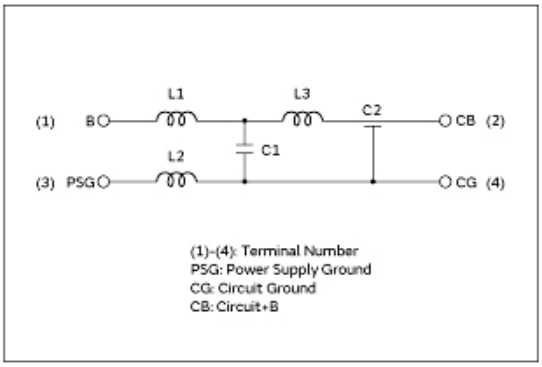
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BNX002-01

Product Data



Insertion Loss Characteristics



Equivalent Circuit

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