

# BNX003-01

Please download the latest datasheet of BNX003-01 from the official website of Murata Manufacturing

http://www.murata.com/en-us/products/productdetail?partno=BNX003-01

Note: This datasheet may be out of date.









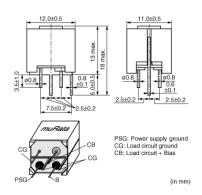
### **Applications**

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	Company of a service manager	
Applications	Consumer equipment	



### Appearance & Shape







### Packaging Information

Packaging	Specifications	Standard Packing Quantity
-	Вох	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

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#### Attentior

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 $2. This \ data{sheet has only typical specifications because there is no \ space for \ detailed \ specifications.}$ 

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## **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°C to 85°C
Mass(typ.)	3.2g
Rated Voltage	150Vdc
Withstanding Voltage	375Vdc
Insulation Resistance(min.)	100ΜΩ
Insertion Loss	5MHz to 1GHz:40dB min. (Line impedance=50Ω)

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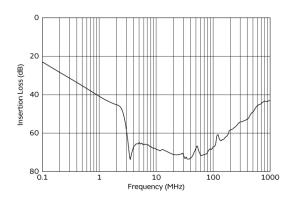
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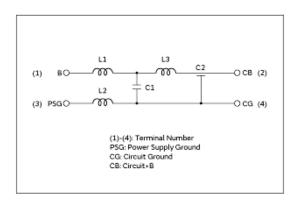
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**Insertion Loss Characteristics** 

**Equivalent Circuit** 

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