BNX024H01#

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

In Production | AEC-Q200 | RoHS | REACH

< List of part numbers with package codes >

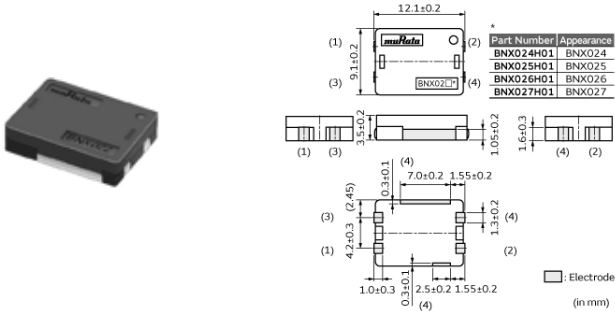BNX024H01B   BNX024H01K   BNX024H01L

Applications

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

Packaging Information

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

Appearance & Shape

Part Number	Appearance
BNX024H01	BNX024
BNX025H01	BNX025
BNX026H01	BNX026
BNX027H01	BNX027

□ : Electrode
(in mm)

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Product Search Data Sheet

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 BNX024H01# from the official website of Murata

http://www.murata.com/en-sg/products/productdetail?partno=BNX024H01%23

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Features

BNX024H/025H/026H/027H (Block Type EMIFIL for automotive)
is EMI suppression filter supporting large current,
wide frequency.
And it also supports SMD mounting.
This product is effective for noise suppression
for DC switching line of automotive device and
FA/OAdevice, because it covers wide temperature
range from -55C degrees to 125 C degrees.

Features
1. Supporting large current (20A)
2. Supporting wide frequency range
   From 40kHz to 1GHz:35dB min.(BNX027)
3. Suitable for miniaturization with SMD shape.

Applications
Automotive devices/Displays (PDP/LCD-TV)/
Digital AV equipments/Amusement equipments/
PC peripheral equipments/Industry equipments/
Measurement equipments/Power supplies

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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	-55℃ to 125℃
Mass(typ.)	0.86g
Rated Voltage	50Vdc
Withstanding Voltage	125Vdc
Insulation Resistance(min.)	100MΩ
Insertion Loss	100kHz to 1GHz:35dB min. (Line impedance=50Ω)

URL : https://www.murata.com/

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Product Data
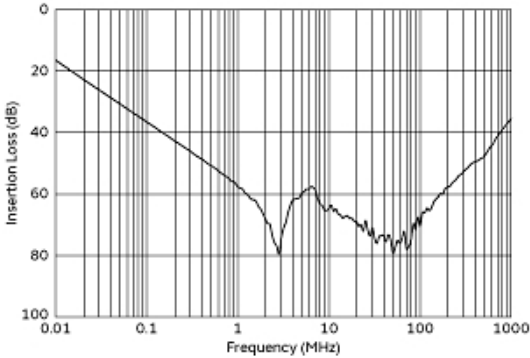
Insertion Loss Characteristics
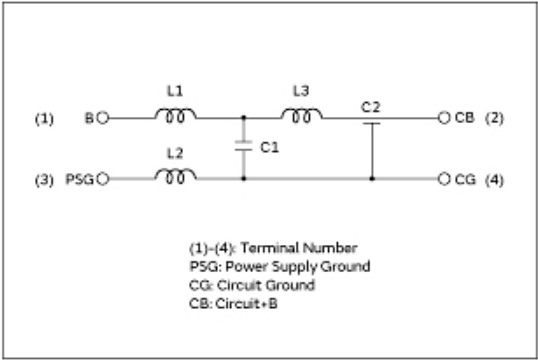
Equivalent Circuit

In operating temperature exceeding +85°C, derating of current is necessary for BNX024H/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

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.
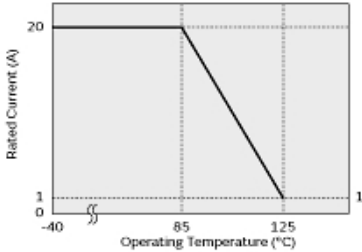Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.