

Please be sure to read these general terms of use, before using this product.

# BNX028-01#

Noise Suppression Products/EMI Suppression Filters > EMI Suppression Filters > Block Type

In Production 

RoHS REACH 

< List of part numbers with package codes >


BNX028-01L BNX028-01B BNX028-01K

Stock Check (Where to Buy) 

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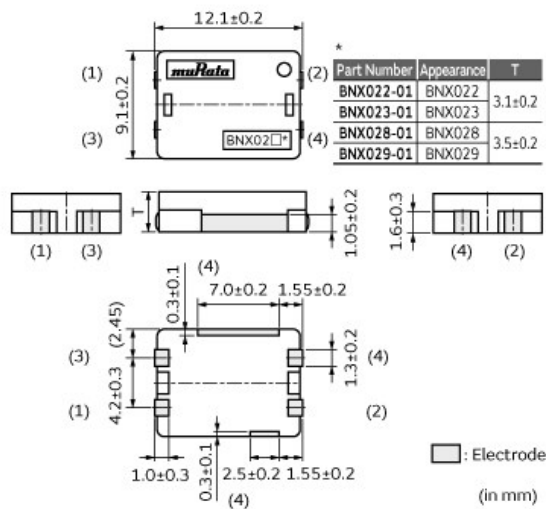
How to read part numbers 

Details

Specifications Sheet(with cautions/mounting/packageging) 

Design Kits 

## Appearance & Shape



## 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	15.0A
Operating Temperature Range	-40°C to 105°C
Mass(typ.)	0.8g
Rated Voltage	16Vdc
Withstanding Voltage	40Vdc
Insulation Resistance(max.)	1MΩ
Insertion Loss	30KHz to 1GHz:35dB min. (Line impedance=50Ω)

## 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

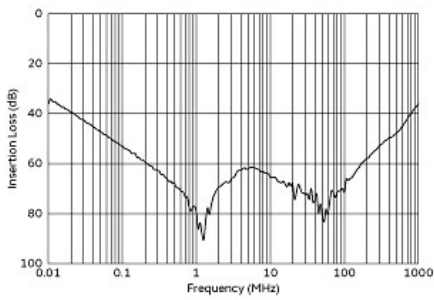
Other Usage

For general

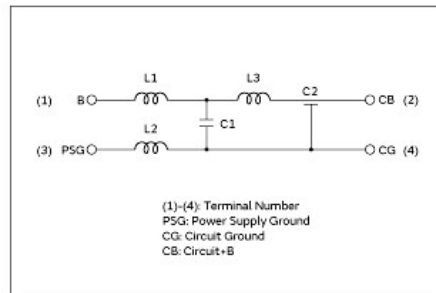
## Packaging Information

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

## Product Data



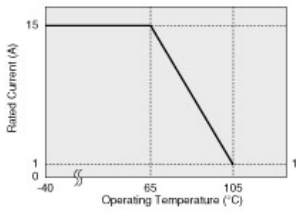
Insertion Loss Characteristics



Equivalent Circuit

In operating temperature exceeding +65°C, derating of current is necessary for BNX028 series. Please apply the derating curve shown in chart according to the operating temperature.

Derating of Rated Current



Derating of Rated Current

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Front End Module		
Connectors	Contact Information	
Isolators	FAQs	
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Wireless Connectivity Platforms	Reference Design	
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Substrates	Avoiding Counterfeit Products	
Ionizers / Active Oxygen Module (Ozonizers)	Restriction of Weapons and Military End-Use	
	Stock Check	

