Note: This datasheet may be out of date.
Please download the latest datasheet of NFZ03SG102SN10# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=NFZ03SG102SN10%23

NFZ03SG102SN10#

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

In Production RoHS REACH

< List of part numbers with package codes >

NFZ03SG102SN10B NFZ03SG102SN10D

Applications

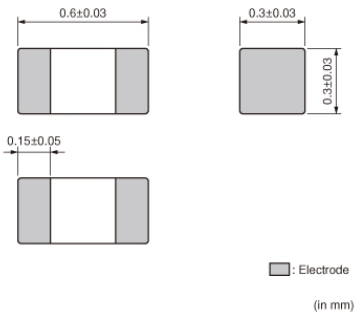
Unsuitable Applications	Please be sure to read and comply with these "Precautions for use."
Specific Applications	Consumer equipment,Medical equipment [GHTF A/B/C] except for implant & surgery & auto injector, Industrial equipment except for transportation & facility & energy equipment Please refer to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

Packaging Information

Packaging	Specifications	Standard Packing Quantity
B	Bulk(Bag)	1000
D	180mm Paper Tape	15000

Appearance & Shape





Attention
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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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NFZ03SG102SN10#

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Features

1. NFZ03SG series is designed for noise suppression of audio lines such as class D amplifier.
   This product can suppress noise about the range from 700MHz to 2GHz without distorting audio waveform.
   We have set the impedance specify frequency as 900MHz in this reason.

2. The nickel barrier structure of the external electrodes provides excellent solder heat resistance.

3. Low DC resistance of NFZ03SG series meets large current.
   Its rated current ranges from 180mA to 305mA.

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NFZ03SG102SN10#

“#”at the end indicates the package specification code.

Specifications

Shape	SMD
Size Code (in inch)	0201
Length	0.6mm
Length Tolerance	±0.03mm
Width	0.3mm
Width Tolerance	±0.03mm
Thickness	0.3mm
Thickness Tolerance	±0.03mm
Operating Temperature Range	-55℃ to 125℃
Mass(typ.)	0.3mg
Number of Circuit	1
Rated Current (at 85℃)	210mA
Rated Current (at 125℃)	210mA
DC Resistance(max.)	1.2Ω
DC Resistance	1Ω (Typ.)
Impedance (at 900MHz)	1000Ω
Impedance (at 900MHz) Tolerance	(Typ.)
Impedance (at 1.7GHz)	900Ω
Impedance (at 1.7GHz) Tolerance	(Typ.)
Size Code (in mm)	0603

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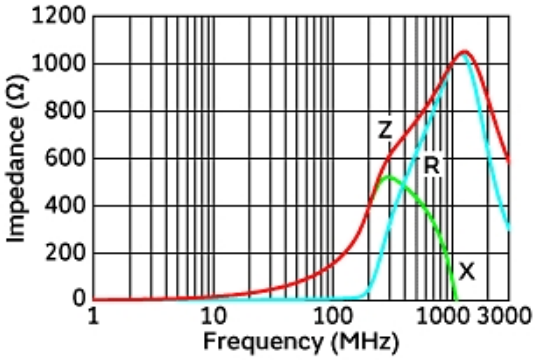
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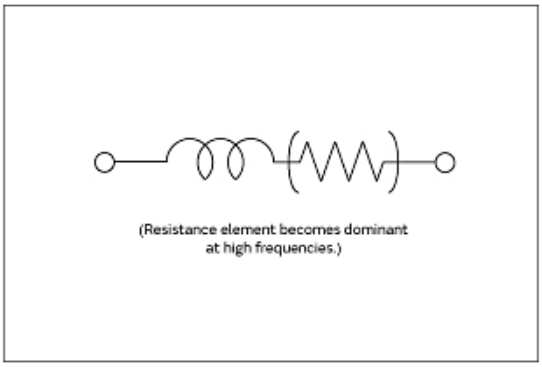
NFZ03SG102SN10#

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Product Data



Impedance-Frequency Characteristics



Equivalent Circuit

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