

NFZ03SG162SN10#

“#” indicates a package specification code.

In Production

RoHS

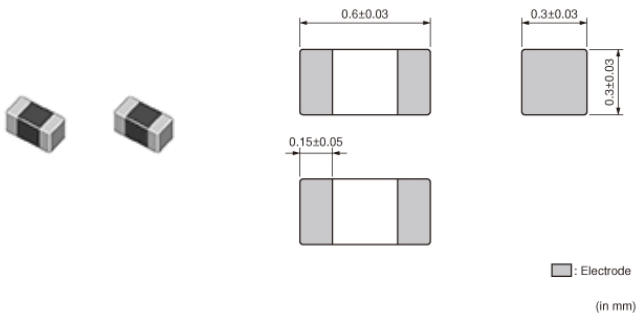
REACH

< List of part numbers with package codes >

NFZ03SG162SN10B

NFZ03SG162SN10D

Appearance & Shape



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.

Applications

Other Usage	For general
-------------	-------------

Packaging Information

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

Attention

1. This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, its 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.

NFZ03SG162SN10#

“#” indicates a 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°C to 125°C
Mass(typ.)	0.3mg
Number of Circuit	1
Rated Current (at 85°C)	180mA
Rated Current (at 125°C)	180mA
DC Resistance(max.)	1.6Ω
DC Resistance	1.3Ω (Typ.)
Impedance (at 900MHz)	1600Ω
Impedance (at 900MHz) Tolerance	(Typ.)
Impedance (at 1.7GHz)	1200Ω
Impedance (at 1.7GHz) Tolerance	(Typ.)
Size Code (in mm)	0603

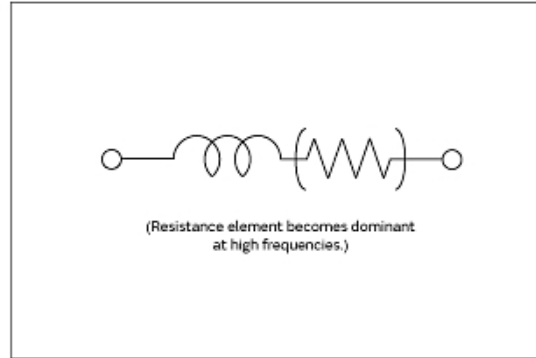
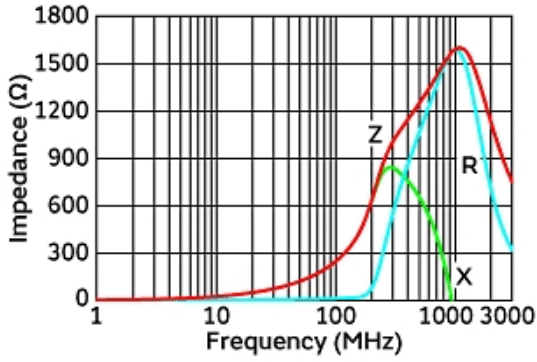
Attention

- 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.

NFZ03SG162SN10#

“#” indicates a package specification code.

Product Data



Impedance-Frequency Characteristics

Equivalent Circuit

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.