

Note: This datasheet may be out of date.

Please download the latest datasheet of NFZ15SG462SN10# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=NFZ15SG462SN10%2

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







< List of part numbers with package codes > NFZ15SG462SN10B NFZ15SG462SN10D



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 surface of the surface
Applications	Consumer equipment



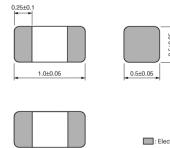
Packaging Information

Packaging	Specifications	Standard
		Packing
		Quantity
В	Bulk(Bag)	1000
D	180mm Paper Tape	10000



Appearance & Shape





1 of 4

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.

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

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





Note: This datasheet may be out of date.

Please download the latest datasheet of NFZ15SG462SN10# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=NFZ15SG462SN10%2

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



Features

- NFZ15SG 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 NFZ15SG series meets large current. Its rated current ranges from 0.27Ato 1.1A
- 4. Meets 85°C maximum operating temperature.

2 of 4

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





Note: This datasheet may be out of date.

Please download the latest datasheet of NFZ15SG462SN10# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=NFZ15SG462SN10%2

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



Specifications

Shape	SMD
Size Code (in inch)	0402
Length	1.0mm
Length Tolerance	±0.05mm
Width	0.5mm
Width Tolerance	±0.05mm
Thickness	0.5mm
Thickness Tolerance	±0.05mm
Operating Temperature Range	-40°C to 85°C
Mass(typ.)	0.001g
Number of Circuit	1
Rated Current (at 85°C)	270mA
DC Resistance(max.)	1.65Ω
DC Resistance	1.25Ω (Typ.)
Impedance (at 900MHz)	4600Ω
Impedance (at 900MHz) Tolerance	(Тур.)
Impedance (at 1.7GHz)	1800Ω
Impedance (at 1.7GHz) Tolerance	(Тур.)
Size Code (in mm)	1005

3 of 4

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.





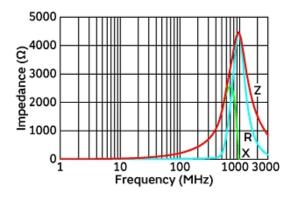
Note: This datasheet may be out of date.

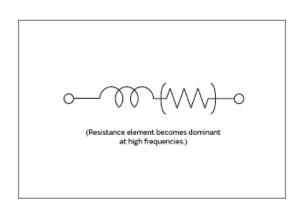
Please download the latest datasheet of NFZ15SG462SN10# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=NFZ15SG462SN10%2

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







Impedance-Frequency Characteristics

Equivalent Circuit

4 of 4

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.

