Note: This datasheet may be out of date.
Please download the latest datasheet of NFZ15SG771SN10# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=NFZ15SG771SN10%23

NFZ15SG771SN10#

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

In Production RoHS REACH

< List of part numbers with package codes >

NFZ15SG771SN10B NFZ15SG771SN10D

Applications

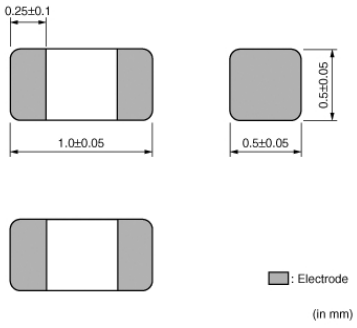
Unsuitable Applications	Please be sure to read and comply with these "Precautions for use."
Specific Applications	Consumer equipment,Medical equipment [GHTF A/B/C] except for implant & surgery & auto injector, Industrial equipment except for transportation & facility & energy equipment Please refer to 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	10000

Appearance & Shape





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Note: This datasheet may be out of date.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 NFZ15SG771SN10# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=NFZ15SG771SN10%23

NFZ15SG771SN10#

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

Features

1. 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 0.27A to 1.1A

4. Meets 85°C maximum operating temperature.

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 NFZ15SG771SN10# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=NFZ15SG771SN10%23

NFZ15SG771SN10#

"#"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℃ to 85℃
Mass(typ.)	0.001g
Number of Circuit	1
Rated Current (at 85℃)	500mA
DC Resistance(max.)	0.5Ω
DC Resistance	0.35Ω (Typ.)
Impedance (at 900MHz)	770Ω
Impedance (at 900MHz) Tolerance	(Typ.)
Impedance (at 1.7GHz)	900Ω
Impedance (at 1.7GHz) Tolerance	(Typ.)
Size Code (in mm)	1005

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.

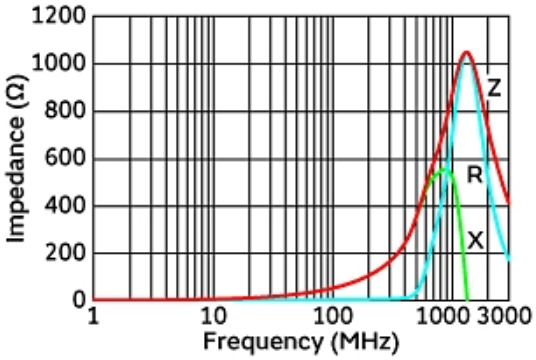
Note: This datasheet may be out of date.
Please download the latest datasheet of NFZ15SG771SN10# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=NFZ15SG771SN10%23

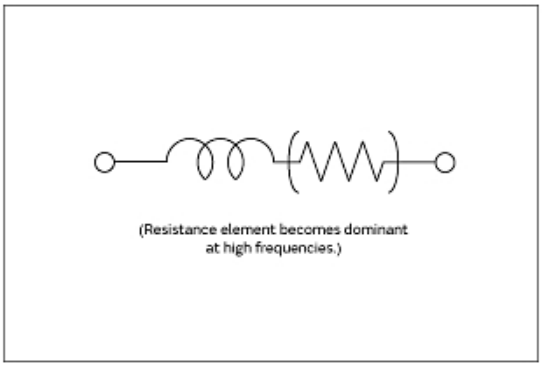
NFZ15SG771SN10#

"#"at the end indicates the 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.