

NFZ15SG462SN10#

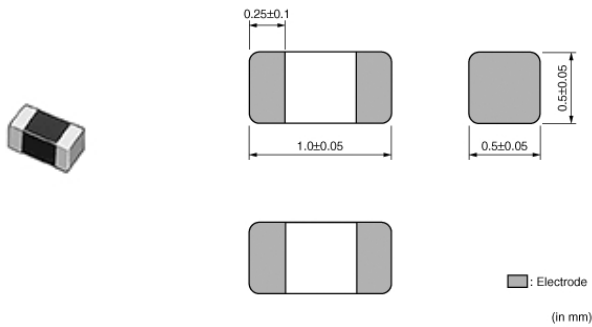
“#” indicates a package specification code.



< List of part numbers with package codes >

NFZ15SG462SN10B NFZ15SG462SN10D

Appearance & Shape



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.

Applications

Other Usage	For general
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Packaging Information

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

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.

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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	(Typ.)
Impedance (at 1.7GHz)	1800Ω
Impedance (at 1.7GHz) Tolerance	(Typ.)
Size Code (in mm)	1005

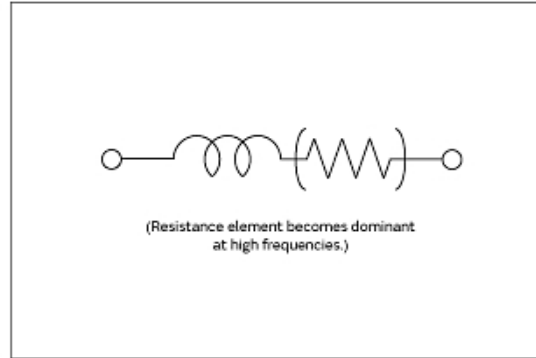
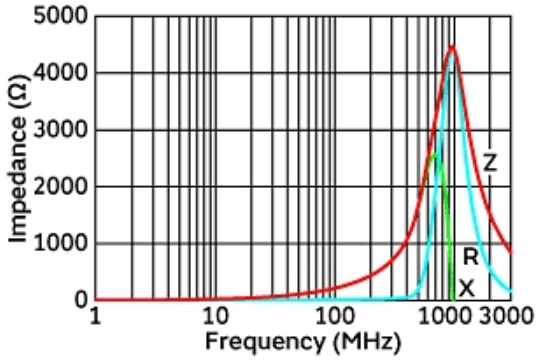
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Product Data



Impedance-Frequency Characteristics

Equivalent Circuit

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