

NFZ03SG501SN10#

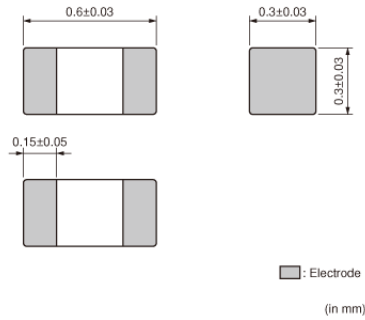
“#” indicates a package specification code.



< List of part numbers with package codes >

NFZ03SG501SN10B NFZ03SG501SN10D

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
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Packaging Information

Packaging	Specifications	Minimum Order 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, 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.

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Specifications

Shape	SMD	Impedance (at 1.7GHz)	600Ω
Size Code (in mm)	0603	Impedance (at 1.7GHz) Tolerance	(Typ.)
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		
Rated Current	275mA		
Operating Temperature Range	-55°C to 125°C		
Mass(typ.)	0.3mg		
Number of Circuit	1		
DC Resistance(max.)	0.73Ω		
DC Resistance	0.56Ω (Typ.)		
Impedance (at 900MHz)	500Ω		
Impedance (at 900MHz) Tolerance	(Typ.)		

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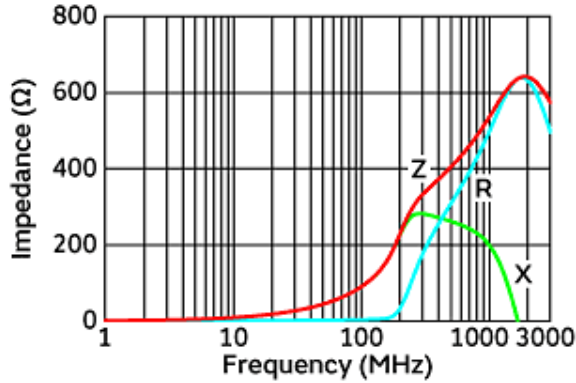
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Product Data



Impedance-Frequency Characteristics



Equivalent Circuit

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