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Product Search Data Sheet

Note: This datasheet may be out of date.

Please download the latest datasheet of NFZ15SG262SN10# from the official website of Murata Manufacturing Co., Ltd.

https://www.murata.com/en-global/products/productdetail?partno=NFZ15SG262SN10%23

NFZ15SG262SN10#

"#" indicates a package specification code.

In Production | RoHS | REACH

< List of part numbers with package codes >
NFZ15SG262SN10B   NFZ15SG262SN10D

Appearance & Shape

0.25±0.1

0.5±0.06

1.0±0.05

0.5±0.05

☐ : Electrode

(in mm)

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℃ maximum operating temperature.

Applications

Other Usage	For general

Packaging Information

Packaging	Specifications	Minimum Order Quantity
B	Bulk(Bag)	1000
D	180mm Paper Tape	10000

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URL : https://www.murata.com/

Last updated：2019/07/18

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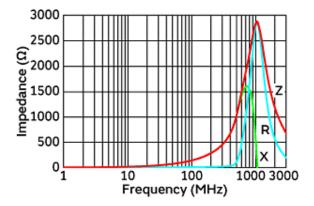
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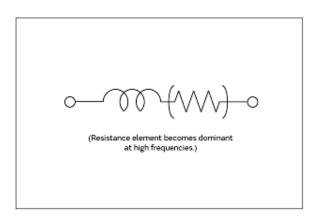https://www.murata.com/en-global/products/productdetail?partno=NFZ15SG262SN10%23

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Specifications

Shape	SMD		Impedance (at 1.7GHz)	1450Ω
Size Code (in mm)	1005		Impedance (at 1.7GHz) Tolerance	(Typ.)
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			
Rated Current	350mA			
Operating Temperature Range	-40℃ to 85℃			
Mass(typ.)	0.001g			
Number of Circuit	1			
DC Resistance(max.)	1Ω			
DC Resistance	0.80Ω (Typ.)			
Impedance (at 900MHz)	2600Ω			
Impedance (at 900MHz) Tolerance	(Typ.)			

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Product Data

Impedance-Frequency Characteristics

(Resistance element becomes dominant at high frequencies.)

Equivalent Circuit

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