

Note: If you have not downloaded this document from our official website, please note that the information provided may not be the most current. Please download the latest datasheet of NFZ2MSD300SN10# from the official website of Murata

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

NFZ2MSD300SN10#







< List of part numbers with package codes > NFZ2MSD300SN10L



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	Concumer equipment	
Applications	Consumer equipment	



Packaging Information

Packaging	Specifications	Standard Packing Quantity
L	180mm Embossed Tape	3000



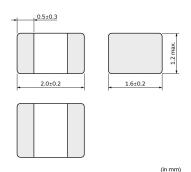
Features

- 1. NFZ2MSD_SN is a noise filter designed for noise suppression of audio lines such as PC and AVequipment.
- 2. Can be used in high current circuits due to its low DC resistance.
- 3. Low magnetic flux leakage with magnetically shielded structure.
- 4. Meets 125°C maximum operating temperature.



Appearance & Shape





1 of 3

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- 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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http://www.murata.com/en-us/products/productdetail?partno=NFZ2MSD300SN10%2

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Specifications

Shape	SMD
Size Code (in inch)	0806
Length	2.0mm
Length Tolerance	±0.2mm
Width	1.6mm
Width Tolerance	±0.2mm
Thickness	1.2mm
Thickness Tolerance	max.
Operating Temperature Range	-40°C to 85°C
Operating Temperature Range (Self-temperature rise is included)	-40°C to 125°C
Mass(typ.)	0.0188g
Number of Circuit	1
Rated Current (at 85°C)	3.7A
DC Resistance(max.)	33mΩ
DC Resistance	33mΩ max.
Impedance (at 10MHz)	30Ω
Impedance (at 10MHz) Tolerance	±30%
Size Code (in mm)	2016

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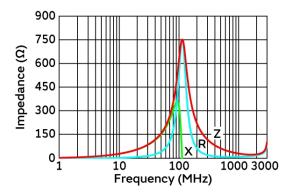
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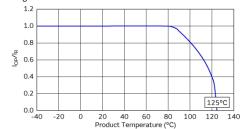




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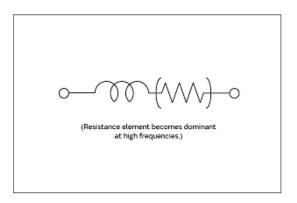
Max. current (DC, AC) as function of product temperature (derating curve).

Derating of Rated Current 1.2



Impedance-Frequency Characteristics

Derating of Rated Current



Equivalent Circuit

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