

Product Search Data Sheet

NFZ2MSD900SN10#

Note: This datasheet may be out of date. Please download the latest datasheet of NFZ2MSD900SN10# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-gb/products/productdetail?partno=NFZ2MSD900SN10%23

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

In Production RoHS

HS REACH

< List of part numbers with package codes > NFZ2MSD900SN10L



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	Canauman anuinmant
Applications	Consumer equipment

Appearance & Shape



0.5±0.3	
	1.2 max.
2.0±0.2	1.6±0.2

(in mm)



Packaging	Specifications	Standard Packing Quantity
L	180mm Embossed Tape	3000



 NFZ2MSD_SN is a noise filter designed for noise suppression of audio lines such as PC and AV equipment.
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.



Attention

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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)	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℃ to 125℃
Mass(typ.)	0.0188g
Number of Circuit	1
Rated Current (at 85°C)	2A
DC Resistance(max.)	95mΩ
DC Resistance	95mΩ max.
Impedance (at 10MHz)	90Ω
Impedance (at 10MHz) Tolerance	±30%
Size Code (in mm)	2016

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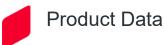


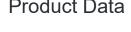
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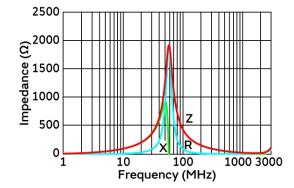
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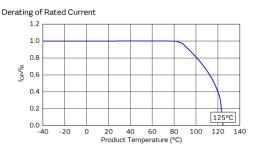
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Max. current (DC, AC) as function of product temperature (derating curve).



Impedance-Frequency Characteristics

Derating of Rated Current

(Resistance element becomes dominant at high frequencies.)

Equivalent Circuit

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