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Product Search Data Sheet

Note: This datasheet may be out of date.
Please download the latest datasheet of NFZ32SW301HN10# from the official website of Murata Manufacturing Co., Ltd.
https://www.murata.com/en-global/products/productdetail?partno=NFZ32SW301HN10%23

NFZ32SW301HN10#

"#" indicates a package specification code.
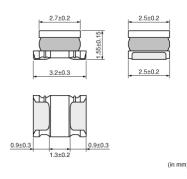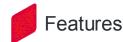
In Production RoHS REACH

< List of part numbers with package codes >
NFZ32SW301HN10L NFZ32SW301HN10K

Appearance & Shape

2.7±0.2
2.5±0.2
1.55±0.15
3.2±0.3
2.5±0.2
0.9±0.3 0.9±0.3
1.3±0.2

(in mm)

Features

1. The NFZ series is an impedance component designed for the radiation noise ranges from 30 to 150MHz. With high impedance generated in small package, this product can suppress noise element connecting to noise conduction route in series. Moreover, with wide line up corresponding to various frequency range, optimum product can be selected according to the model or set.

2. The nickel barrier structure of the external electrodes provides excellent solder heat resistance.

3. NFZ series low DC Resistance.Large Current in a small. The Rated Current is the maximum 2.9A.

Applications

Other Usage	For general

Packaging Information

Packaging	Specifications	Minimum Order Quantity
L	180mm Embossed Tape	2000
K	330mm Embossed Tape	7500

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Specifications

Shape	SMD	Impedance (at 100MHz)	300Ω
Size Code (in mm)	3225	Impedance (at 100MHz) Tolerance	(Typ.)
Size Code (in inch)	1210	Operating Temperature Range (Self-temperature rise is included)	-40℃ to 125℃
Length	3.2mm		
Length Tolerance	±0.3mm		
Width	2.5mm		
Width Tolerance	±0.2mm		
Thickness	1.55mm		
Thickness Tolerance	±0.15mm		
Rated Current	2.55A		
Operating Temperature Range	-40℃ to 85℃		
Mass(typ.)	0.044g		
Number of Circuit	1		
DC Resistance(max.)	0.036Ω		
DC Resistance	0.030Ω±20%		
Impedance (at 1MHz)	3.2Ω		
Impedance (at 1MHz) Tolerance	±30%		

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Last updated : 2019/07/18

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Product Data

Impedance-Frequency Characteristics

(Resistance element becomes dominant at high frequencies.)

Equivalent Circuit

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Last updated : 2019/07/18