Note: This datasheet may be out of date.
Please download the latest datasheet of NFZ32BW210HZ11# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=NFZ32BW210HZ11%23

# NFZ32BW210HZ11#

"#" indicates a package specification code.

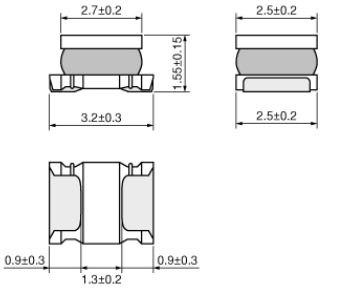
In Production | AEC-Q200 | RoHS | REACH

## < List of part numbers with package codes >

NFZ32BW210HZ11K NFZ32BW210HZ11L

## Appearance & Shape






(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.

4. Corresponds to 125 °C maximum use temperature.

## Applications

| | |
|---|---|
| Automotive Usage | Infotainment |

## Packaging Information

| Packaging | Specifications | Standard Packing Quantity |
|---|---|---|
| K | 330mm Embossed Tape | 7500 |
| L | 180mm Embossed Tape | 2000 |



**Attention**
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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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# NFZ32BW210HZ11#

"#" indicates a package specification code.

## Specifications

| | |
|---|---|
| Shape | SMD |
| Size Code (in inch) | 1210 |
| Length | 3.2mm |
| Length Tolerance | ±0.3mm |
| Width | 2.5mm |
| Width Tolerance | ±0.2mm |
| Thickness | 1.55mm |
| Thickness Tolerance | ±0.15mm |
| Operating Temperature Range | -40℃ to 105℃ |
| Operating Temperature Range (Self-temperature rise is included) | -40℃ to 125℃ |
| Mass(typ.) | 0.044g |
| Number of Circuit | 1 |
| Rated Current (at 85℃) | 1.55A |
| Rated Current (at 105℃) | 800mA |
| DC Resistance(max.) | 0.12Ω |
| DC Resistance | 0.100Ω±20% |
| Impedance (at 1MHz) | 21Ω |
| Impedance (at 1MHz) Tolerance | ±30% |
| Size Code (in mm) | 3225 |



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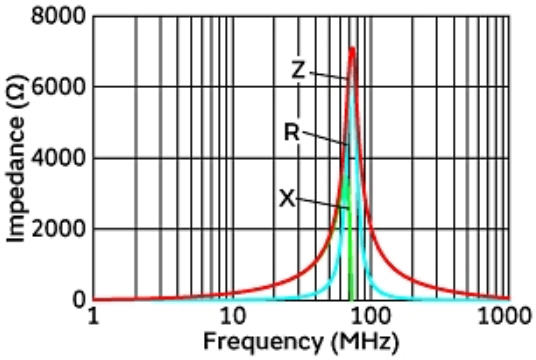
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# NFZ32BW210HZ11#

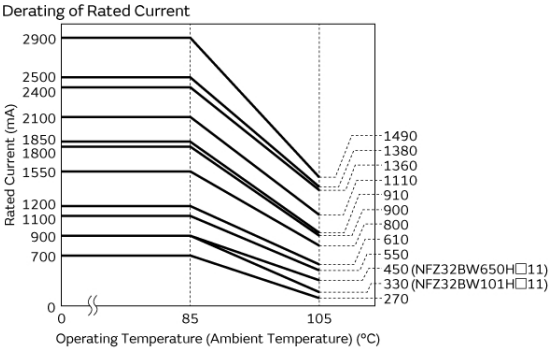
"#" indicates a package specification code.

## Product Data

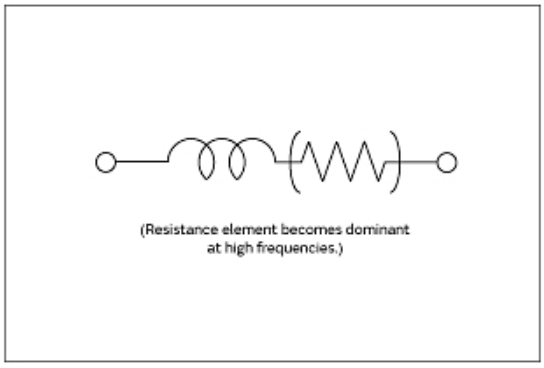



Impedance-Frequency Characteristics

In operating temperature exceeding +85°C, derating of current is necessary for NFZ32BW_H□11 series.
Please apply the derating curve shown in chart according to the operating temperature.




Derating of Rated Current




Equivalent Circuit



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