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# NFZ2HBM2R9SN10#

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

In Production RoHS REACH

< List of part numbers with package codes >

NFZ2HBM2R9SN10B NFZ2HBM2R9SN10L

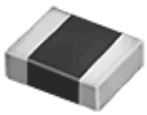
## Applications

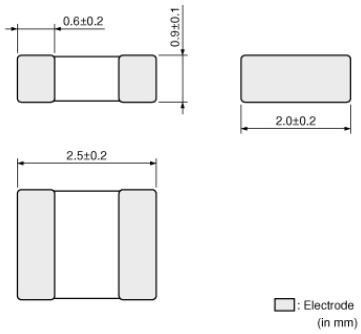
| | |
|---|---|
| Unsuitable Applications | Please be sure to read and comply with these "Precautions for use." |
| Specific Applications | Consumer equipment,Medical equipment [GHTF A/B/C] except for implant & surgery & auto injector, Industrial equipment except for transportation & facility & energy equipment<br>Please refer to Our Website and 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 Applications | Consumer equipment |

## Packaging Information

| Packaging | Specifications | Standard Packing Quantity |
|---|---|---|
| B | Bulk(Bag) | 1000 |
| L | 180mm Embossed Tape | 3000 |

## Appearance & Shape








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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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# NFZ2HBM2R9SN10#

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## Features

1. NFZ2HBM series is designed to suppress radiation noise from the LED power line around the frequency range from 30MHz to 200MHz.
   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. NFZ2HBM series low DC Resistance.Large Current in a small.
   The Rated Current is the maximum 1.2A.

4. Corresponds to 125 ℃ maximum use temperature.



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# NFZ2HBM2R9SN10#

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

## Specifications

| | |
|---|---|
| Shape | SMD |
| Size Code (in inch) | 1008 |
| Length | 2.5mm |
| Length Tolerance | ±0.2mm |
| Width | 2.0mm |
| Width Tolerance | ±0.2mm |
| Thickness | 0.9mm |
| Thickness Tolerance | ±0.1mm |
| Operating Temperature Range | -55℃ to 125℃ |
| Mass(typ.) | 0.022g |
| Number of Circuit | 1 |
| Rated Current (at 125℃) | 1.1A |
| DC Resistance(max.) | 0.106Ω |
| DC Resistance | 0.085Ω±25% |
| Impedance (at 1MHz) | 2.9Ω |
| Impedance (at 1MHz) Tolerance | ±30% |
| Size Code (in mm) | 2520 |



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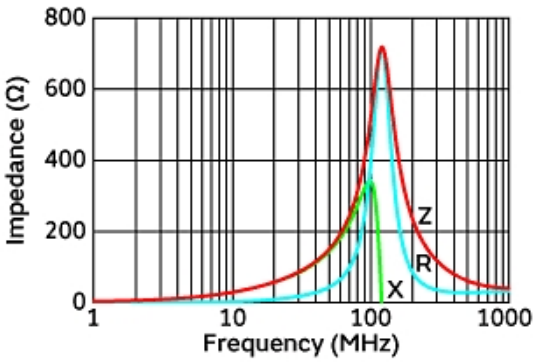
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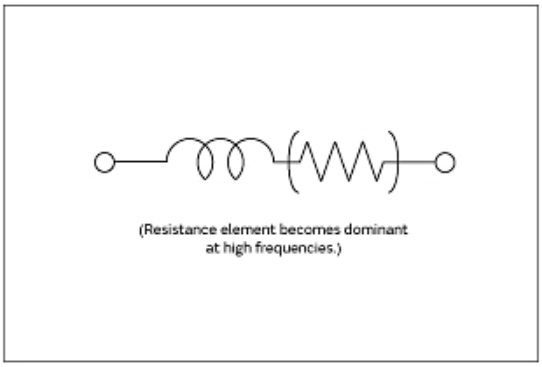
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## Product Data




Impedance-Frequency Characteristics




Equivalent Circuit



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