

NFZ2HBM170SN10#

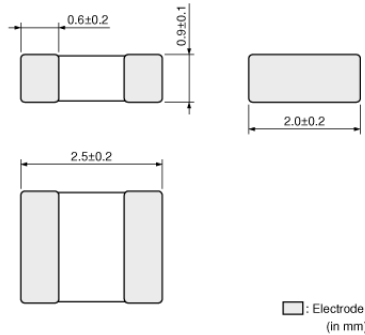
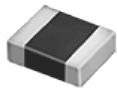
"#" indicates a package specification code.



< List of part numbers with package codes >

NFZ2HBM170SN10B NFZ2HBM170SN10L

Appearance & Shape



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 °C maximum use temperature.

Applications

| | |
|-------------|-------------|
| Other Usage | For general |
|-------------|-------------|

Packaging Information

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

Attention

1.This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued 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.

NFZ2HBM170SN10#

“#” indicates a package specification code.



Specifications

| | |
|-------------------------------|----------------|
| Shape | SMD |
| Size Code (in mm) | 2520 |
| 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 |
| Rated Current | 700mA |
| Operating Temperature Range | -55°C to 125°C |
| Mass(typ.) | 0.022g |
| Number of Circuit | 1 |
| DC Resistance(max.) | 0.263Ω |
| DC Resistance | 0.210Ω±25% |
| Impedance (at 1MHz) | 17Ω |
| Impedance (at 1MHz) Tolerance | ±30% |

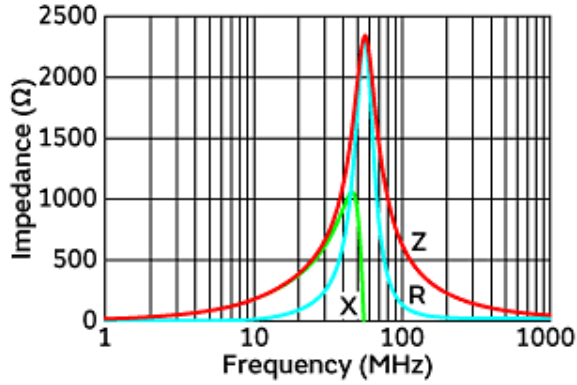
Attention

- 1.This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued 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.

NFZ2HBM170SN10#

"#" indicates a package specification code.

Product Data



Impedance-Frequency Characteristics



Equivalent Circuit

Attention

- 1.This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued 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.