

# NFZ2MSM601SN10#

“#” indicates a package specification code.

In Production

RoHS

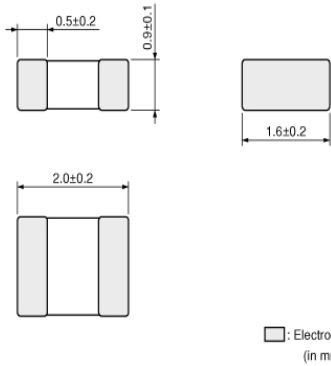
REACH

< List of part numbers with package codes >

NFZ2MSM601SN10B

NFZ2MSM601SN10L

## Appearance & Shape



## Features

1. Less audio distortion designing because of highly linear characteristics of magnetic hysteresis.
2. Large rated current of 4000mA. (at 100ohm)
3. Low DC resistance is realized.
4. Low magnetic flux leakage with magnetically shielded structure.

## Applications

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

## Packaging Information

| Packaging | Specifications      | Standard Packing 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, its 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.

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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                       | 0.9mm         |
| Thickness Tolerance             | ±0.1mm        |
| Operating Temperature Range     | -40°C to 85°C |
| Mass(typ.)                      | 0.012g        |
| Number of Circuit               | 1             |
| Rated Current (at 85°C)         | 2.5A          |
| DC Resistance(max.)             | 0.046Ω        |
| DC Resistance                   | 0.037Ω (Typ.) |
| Impedance (at 100MHz)           | 600Ω          |
| Impedance (at 100MHz) Tolerance | ±25%          |
| Size Code (in mm)               | 2016          |

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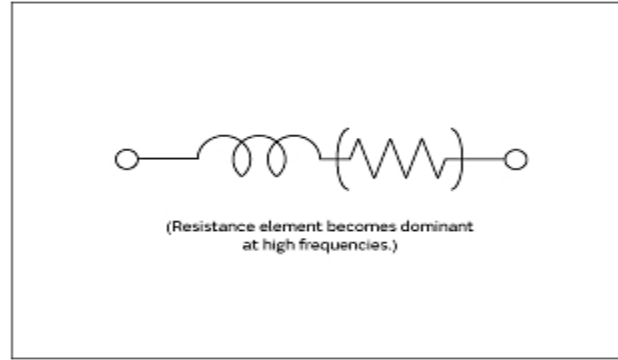
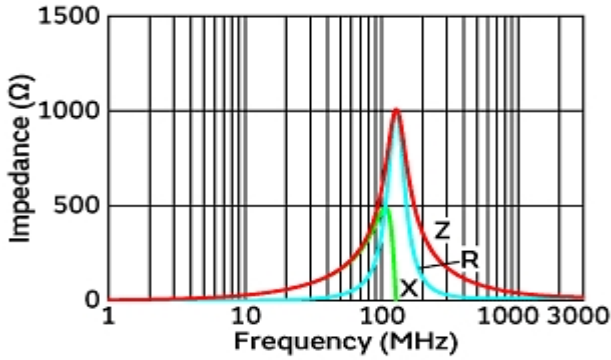
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## Product Data



Impedance-Frequency Characteristics

Equivalent Circuit

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