

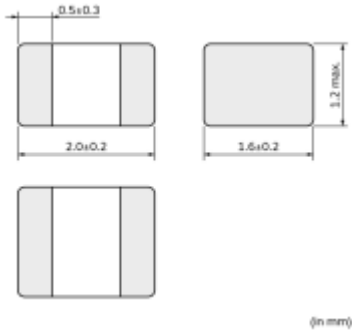
NFZ2MSD900SN10#

"#" indicates a package specification code.



< List of part numbers with package codes >
NFZ2MSD900SN10L

Appearance & Shape



Features

1. NFZ2MSD_SN is a noise filter designed for noise suppression of audio lines such as PC and AVEquipment.
2. Can be used in high current circuits due to its low DC resistance.
3. Low magnetic flux leakage with magnetically shielded structure.
4. Meets 125°C maximum operating temperature.

Applications

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

Packaging Information

| Packaging | Specifications | Minimum Order Quantity |
|-----------|---------------------|------------------------|
| 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.

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Specifications

| | | | |
|--------------------------------|---------------|---|----------------|
| Shape | SMD | Operating Temperature Range (Self-temperature rise is included) | -40°C to 125°C |
| Size Code (in mm) | 2016 | | |
| Size Code (in inch) | 0806 | | |
| Length | 2.0mm | | |
| Length Tolerance | ±0.2mm | | |
| Width | 1.6mm | | |
| Width Tolerance | ±0.2mm | | |
| Thickness | 1.2mm | | |
| Thickness Tolerance | max. | | |
| Rated Current | 2A | | |
| Operating Temperature Range | -40°C to 85°C | | |
| Mass(typ.) | 0.0188g | | |
| Number of Circuit | 1 | | |
| DC Resistance(max.) | 95mΩ | | |
| DC Resistance | 95mΩ max. | | |
| Impedance (at 10MHz) | 90Ω | | |
| Impedance (at 10MHz) Tolerance | ±30% | | |

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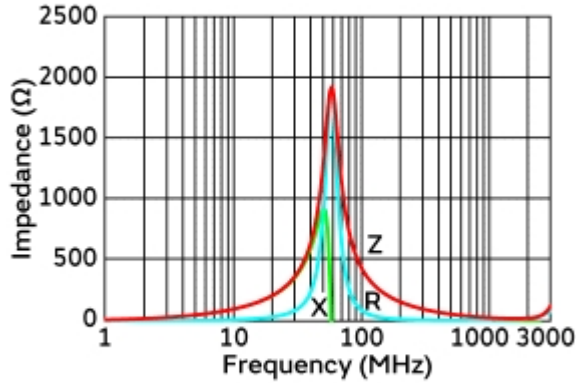
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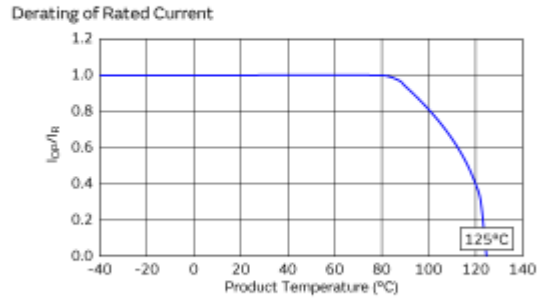
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Product Data



Impedance-Frequency Characteristics

Max. current (DC, AC) as function of product temperature (derating curve).



Derating of Rated Current



Equivalent Circuit

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