

NFM31KC103R1H3#

“#” at the end indicates the package specification code.

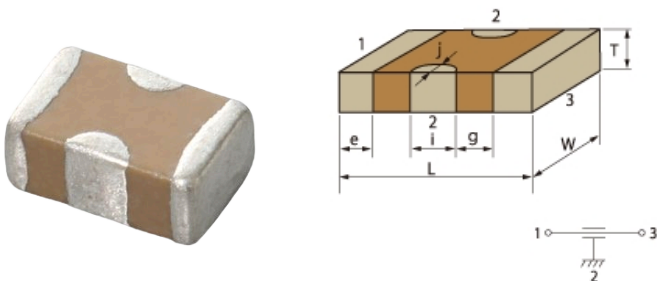


< List of part numbers with package codes >
NFM31KC103R1H3L

Applications

Unsuitable Applications	Please be sure to read and comply with these "Precautions for use."
Specific Applications	Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTE A/B/C] except for implant equipment, Automotive infotainment/comfort equipment 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.

Appearance & Shape



Notices

Derating3

References

Packaging	Specifications	Standard Packing Quantity
L	180 Embossed Tape	3000

Mass (typ.)	
1 piece	38.0mg

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.

NFM31KC103R1H3#

“#” at the end indicates the package specification code.



Specifications

Length	3.2±0.2mm
Width	1.6±0.2mm
Thickness	1.3±0.2mm
Capacitance	10000pF ±20%
Distance between external terminals g	0.3mm min.
DC Resistance(max.)	1.5mΩ
External terminal size e	0.4±0.3mm
External terminal size i	1.2±0.3mm
External terminal size J	0.3±0.2mm
Operating Temperature Range	-55°C to 125°C
Rated Current	10A at 105°C/6A at 125°C
Rated Voltage	50Vdc
Size code in inch(mm)	1206 (3216M)

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.

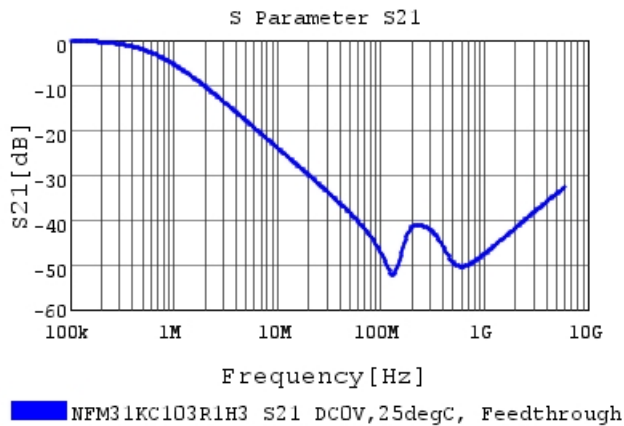
NFM31KC103R1H3#

“#” at the end indicates the package specification code.



Characteristic Data

The charts below may show another part number which shares its characteristics.



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.