NFM15TC105R0G3#

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

| In Production | AEC-Q200 | RoHS | REACH | 85°C max. | EMI Filter | Low ESL | Reflow OK |

< List of part numbers with package codes >
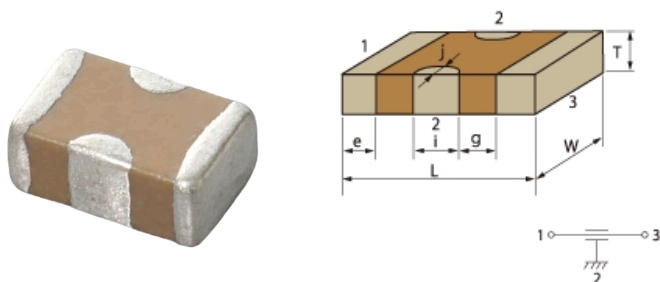
NFM15TC105R0G3D

Applications

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

References

Packaging	Specifications	Standard Packing Quantity
D	φ180mm Reel Paper Tape	10000

Mass (typ.)	
1 piece	0.9mg

Appearance & Shape

Product Search Data Sheet

Note: If you have not downloaded this document from our official website, please note that the information provided may not be the most current.
Please download the latest datasheet of NFM15TC105R0G3# from the official website of Murata

http://www.murata.com/en-us/products/productdetail?partno=NFM15TC105R0G3%23

NFM15TC105R0G3#

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Specifications

Length	1.0±0.05mm
Width	0.5±0.1mm
Thickness	0.3±0.05mm
Capacitance	1.0μF ±20%
Distance between external terminals g	0.1mm min.
DC Resistance(max.)	30mΩ
External terminal size e	0.15±0.1mm
External terminal size i	0.3±0.1mm
External terminal size J	0.15±0.1mm
Operating Temperature Range	-55℃ to 85℃
Rated Current	2A
Rated Voltage	4Vdc
Size code in inch(mm)	0402 (1005M)

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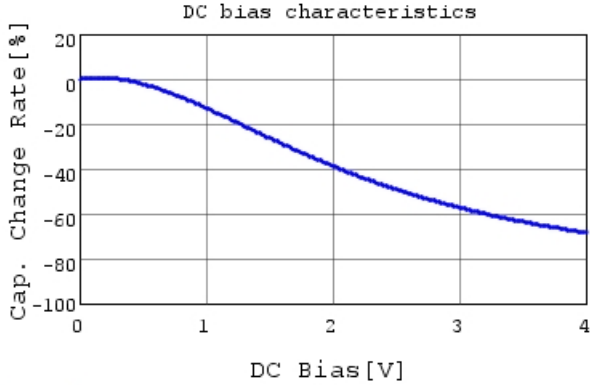http://www.murata.com/en-us/products/productdetail?partno=NFM15TC105R0G3%23

NFM15TC105R0G3#

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

Characteristic Data

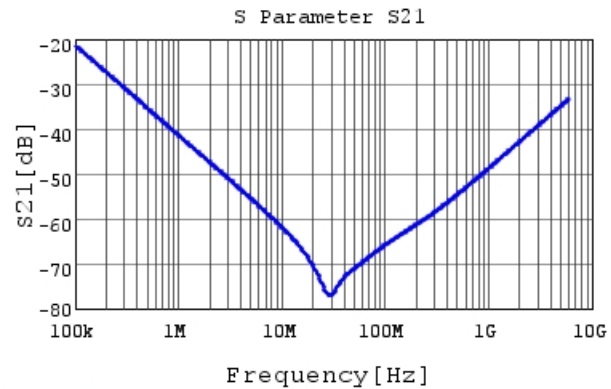The charts below may show another part number which shares its characteristics.

DC bias characteristics

NFM15TC105R0G3 C-DC bias capchange, 25.0deg(

AC Voltage Characteristics
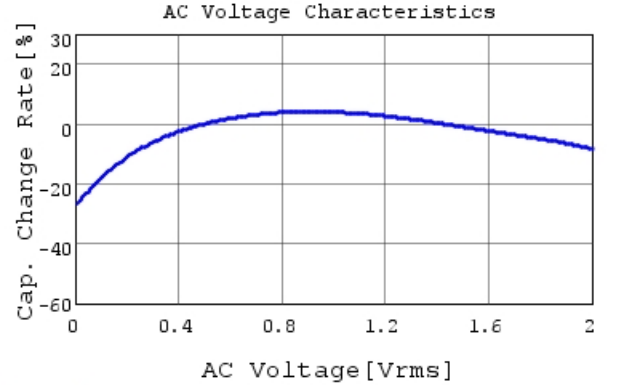
NFM15TC105R0G3 C-AC Voltage capchange, DC0V,

Temperature Characteristics
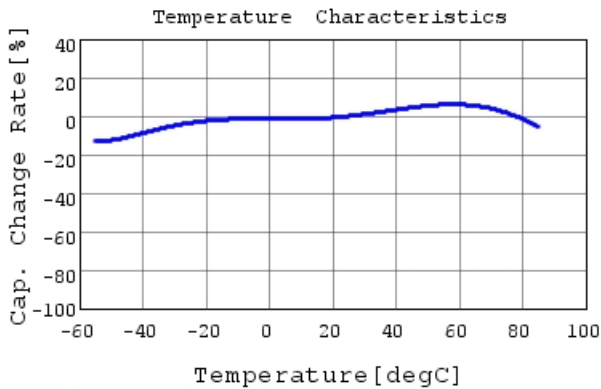
NFM15TC105R0G3 C-Temp. capchange, DC0V, AC0.

S Parameter S21

NFM15TC105R0G3 S21 DC0V,25degC, Feedthrough