

NFM18HC105C1C3#

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



< List of part numbers with package codes >

NFM18HC105C1C3D

Applications

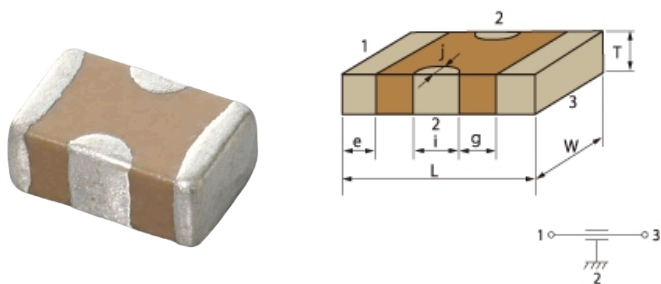
| | |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Unsuitable Applications | Please be sure to read and comply with these "Precautions for use." |
| Specific Applications | Automotive powertrain/safety equipment, Automotive infotainment/comfort equipment, Medical equipment [GHTE 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 | 4000 |

| Mass (typ.) | |
|-------------|-------|
| 1 piece | 4.7mg |

Appearance & Shape



Attention

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2. This datasheet has only typical specifications because there is no space for detailed specifications.

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Specifications

| | |
|---------------------------------------|----------------|
| Length | 1.6±0.1mm |
| Width | 0.8±0.1mm |
| Thickness | 0.6±0.1mm |
| Capacitance | 1.0μF ±20% |
| Distance between external terminals g | 0.15mm min. |
| DC Resistance(max.) | 20mΩ |
| External terminal size e | 0.35±0.1mm |
| External terminal size i | 0.4±0.1mm |
| External terminal size J | 0.2±0.1mm |
| Operating Temperature Range | -55°C to 125°C |
| Rated Current | 2A |
| Rated Voltage | 16Vdc |
| Size code in inch(mm) | 0603 (1608M) |

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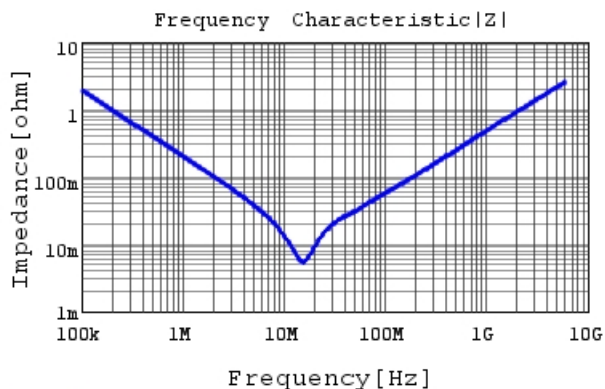
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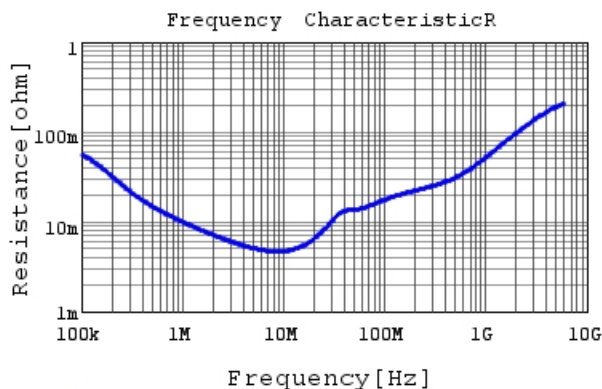


Characteristic Data

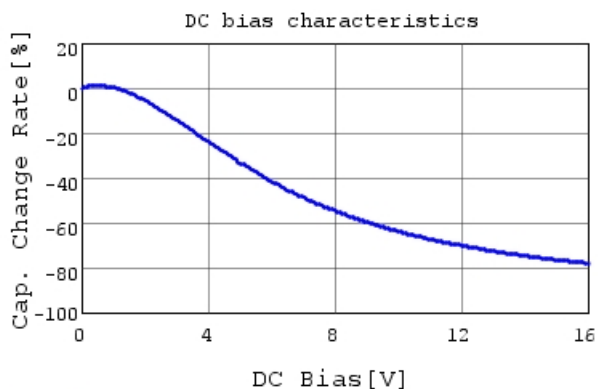
The charts below may show another part number which shares its characteristics.



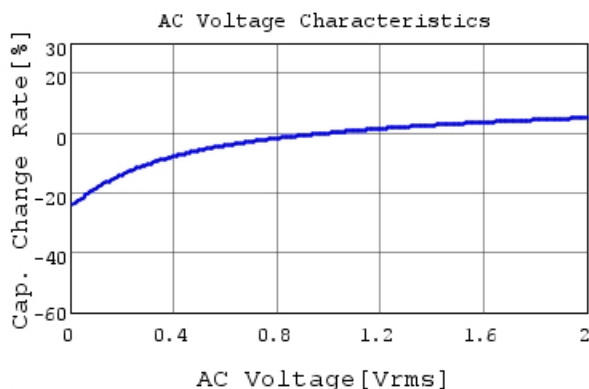
NFM18HC105C1C3 |Z| DCOV,25degC, Non-feedthrou



NFM18HC105C1C3 R DCOV,25degC, Non-feedthrou



NFM18HC105C1C3 C-DC bias capchange, 25.0degC



NFM18HC105C1C3 C-AC Voltage capchange, DCOV,

Attention

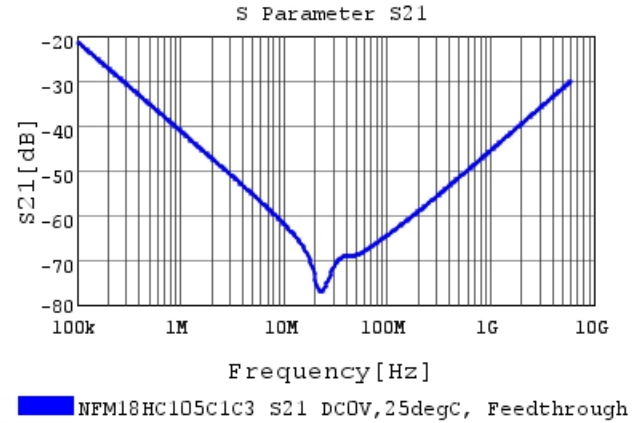
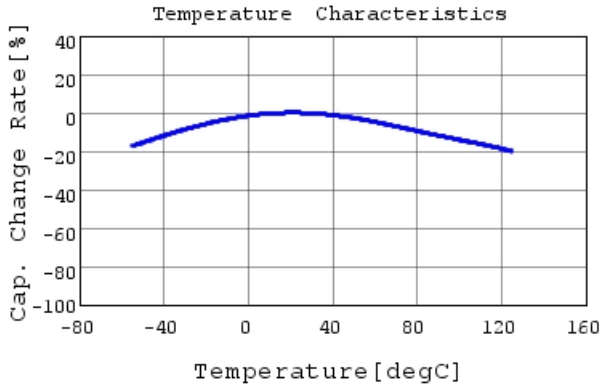
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