

Note: This datasheet may be out of date.

Please download the latest datasheet of NFM18HC106D0G3# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-gb/products/productdetail?partno=NFM18HC106D0G3%23

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

















< List of part numbers with package codes > NFM18HC106D0G3L



### **Applications**

Unsuitable	Please be sure to read and comply with	
Applications	these "Precautions for use."	
	Automotive powertrain/safety equipment,	
	Automotive infotainment/comfort	
	equipment,Medical equipment [GHTF	
	A/B/C] except for implant equipment	
	Please refer to Our Website and	
Specific	specifications, etc. for information about	
Applications	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

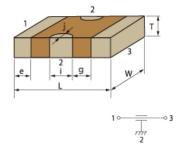
Packaging	Specifications	Standard Packing Quantity
L	180Embossed Tape	3000

Mass (typ.)	
1 piece	12.2mg



### Appearance & Shape





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### 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±0.2mm
Width	0.8±0.2mm
Thickness	1.25±0.1mm
Capacitance	10μF ±20%
Distance between external terminals g	0.15mm min.
DC Resistance(max.)	20mΩ
External terminal size e	0.35±0.15mm
External terminal size i	0.4±0.15mm
External terminal size J	0.2±0.15mm
Operating Temperature Range	-55°C to 125°C
Rated Current	4A
Rated Voltage	4Vdc
Size code in inch(mm)	0603 (1608M)

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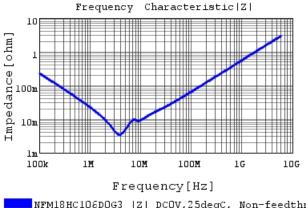
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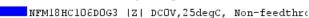
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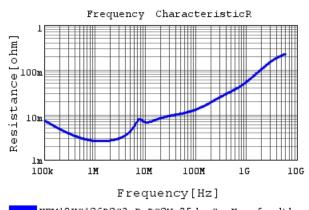


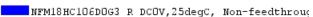
### Characteristic Data

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

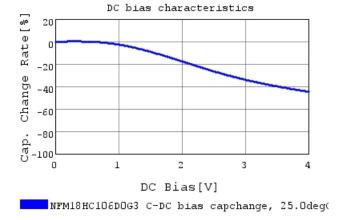


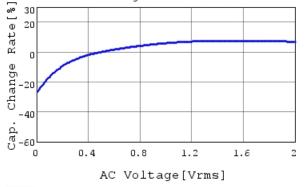






AC Voltage Characteristics





NFM18HC1O6DOG3 C-AC Voltage capchange, DCOV,

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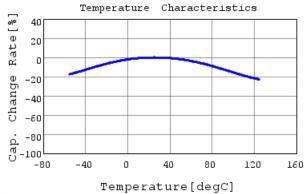


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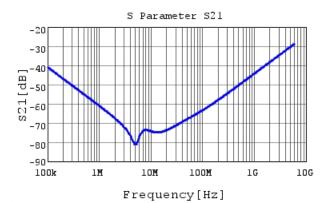
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NFM18HC1O6DOG3 S21 DCOV,25degC, Feedthrough

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