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Please download the latest datasheet of GRM31CE70G107MEA8# from the official website of Murata

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http://www.murata.com/en-gb/products/productdetail?partno=GRM31CE70G107MEA8%23

GRM31CE70G107MEA8#

In Production













< List of part numbers with package codes > GRM31CE70G107MEA8L GRM31CE70G107MEA8K



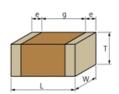
Applications

Unsuitable	Please be sure to read and comply with	
Applications	these "Precautions for use."	
Applications Specific Applications	Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF 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

Derating1



References

	Specifications	Standard
Packaging		Packing
		Quantity
L	180Embossed Tape	2000
K	330Embossed Tape	6000

Mass (typ.)	
1 piece	64.0mg

1 of 4

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Specifications

Length	3.2±0.3mm
Width	1.6±0.3mm
Thickness	1.6±0.3mm
Capacitance	100μF ±20%
Distance between external terminals g	1.5mm min.
External terminal size e	0.3 to 0.8mm
Operating Temperature Range	-55°C to 125°C
Rated Voltage	4Vdc
Size code in inch(mm)	1206 (3216M)
Capacitance change rate	+22.0/-56.0%
Temperature characteristics (complied standard)	X7U(EIA)
Temperature range of temperature characteristics	-55°C to 125°C

2 of 4

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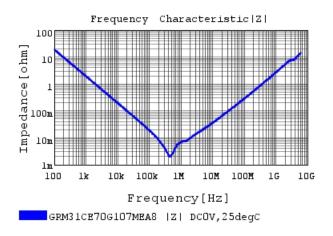
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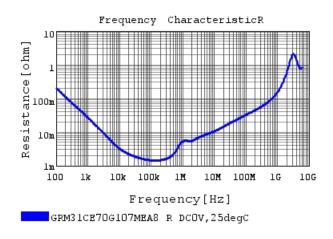
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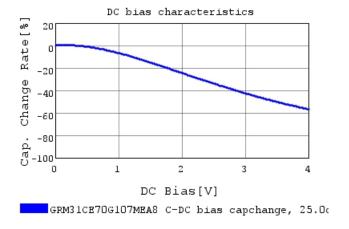


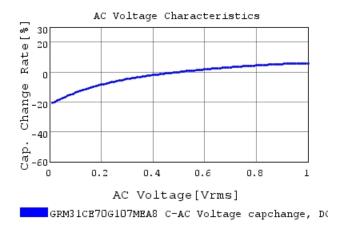
Characteristic Data

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









3 of 4

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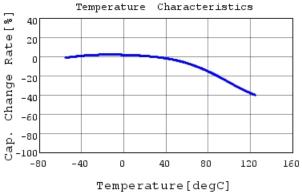


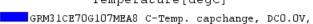
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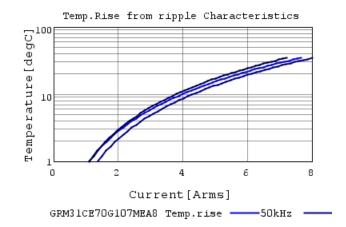
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4 of 4

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