

GRM033R61A225KE47#

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



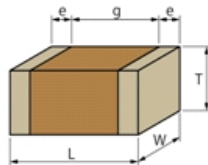
< List of part numbers with package codes >

GRM033R61A225KE47D GRM033R61A225KE47W GRM033R61A225KE47J
GRM033R61A225KE47V

Applications

Unsuitable Applications	Please be sure to read and comply with these "Precautions for use."
Specific Applications	Mobile Electronics 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. Only for mobile devices. Measure capacitance after heat treatment

References

Packaging	Specifications	Standard Packing Quantity
D	φ180mm Reel Paper Tape	15000
W	φ180mm Reel W8P1 Paper Tape	30000
J	φ330mm Reel Paper Tape	50000
V	φ330mm Reel W8P1 Paper Tape	100000

Mass (typ.)	
1 piece	0.33mg

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.
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Specifications

Length	0.6±0.09mm
Width	0.3±0.09mm
Thickness	0.3±0.09mm
Capacitance	2.2μF ±10%
Distance between external terminals g	0.2mm min.
External terminal size e	0.1 to 0.25mm
Operating Temperature Range	-55°C to 85°C
Rated Voltage	10Vdc
Size code in inch(mm)	0201 (0603M)
Capacitance change rate	±15.0%
Temperature characteristics (complied standard)	X5R(EIA)
Temperature range of temperature characteristics	-55°C to 85°C

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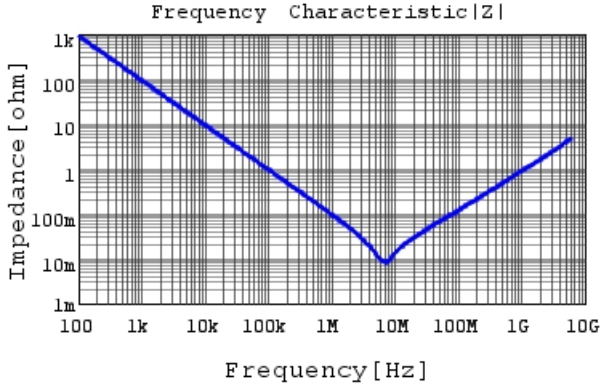
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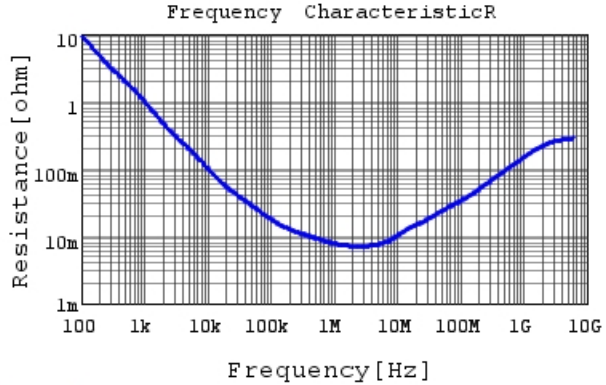


Characteristic Data

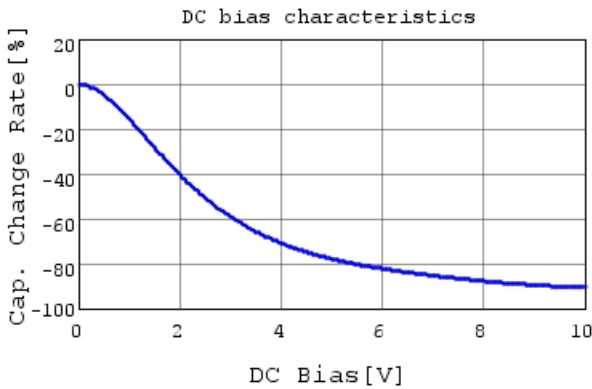
The charts below may show another part number which shares its characteristics.



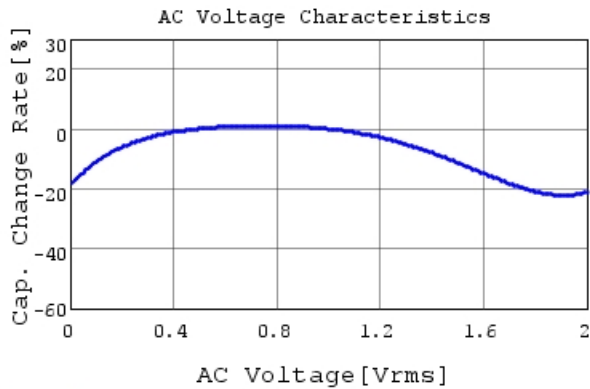
GRM033R61A225KE47 |Z| DCOV,25degC



GRM033R61A225KE47 R DCOV,25degC



GRM033R61A225KE47 C-DC bias capchange, 25.0C



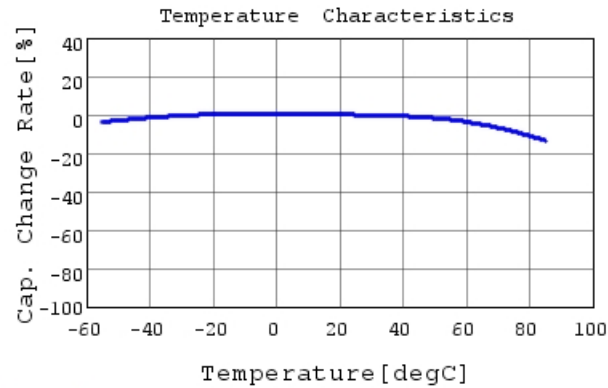
GRM033R61A225KE47 C-AC Voltage capchange, D

Attention

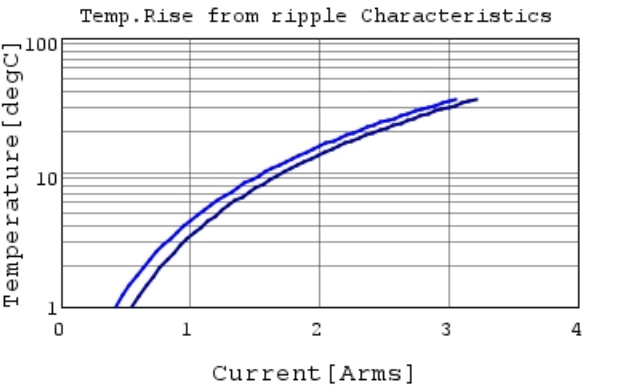
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GRM033R61A225KE47 C-Temp. capchange, DC0.0V,



GRM033R61A225KE47 Temp.rise — 500kHz —

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