

GRM033R61A225KE47#

“#” indicates a package specification code.

In Production
General
RoHS
REACH
85 °C max.
Reflow OK
Derating 1
For only mobile devices

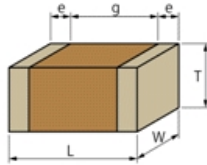
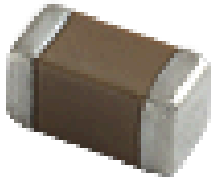
< List of part numbers with package codes >

GRM033R61A225KE47D

GRM033R61A225KE47W

GRM033R61A225KE47J

Appearance & Shape



References

Packaging	Specifications	Standard Packing Quantity
D	180mm Paper Tape	15000
W	180mm Paper Tape (W8P1)	30000
J	330mm Paper Tape	50000

Mass (typ.)	
1 piece	0.33mg
φ180mm Reel	118g

Notices

Derating1. Only for mobile devices. Measure capacitance after heat treatment

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. Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

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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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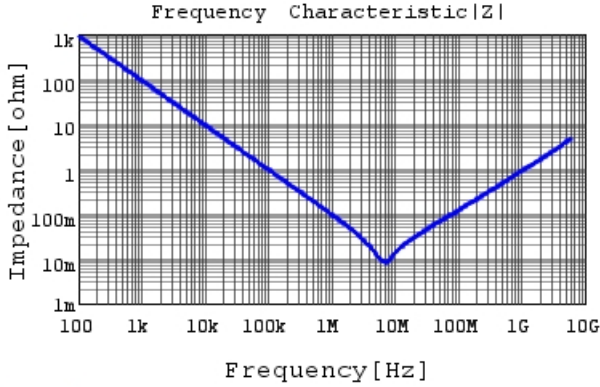
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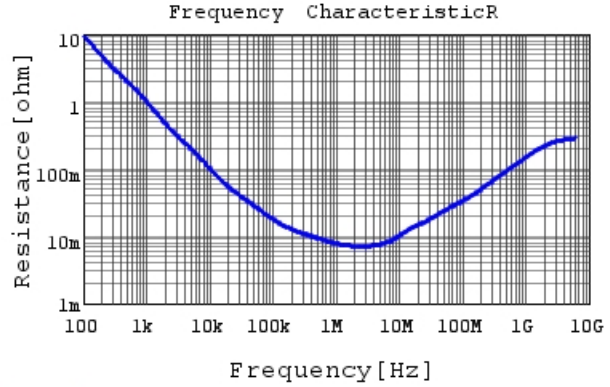


Characteristic Data

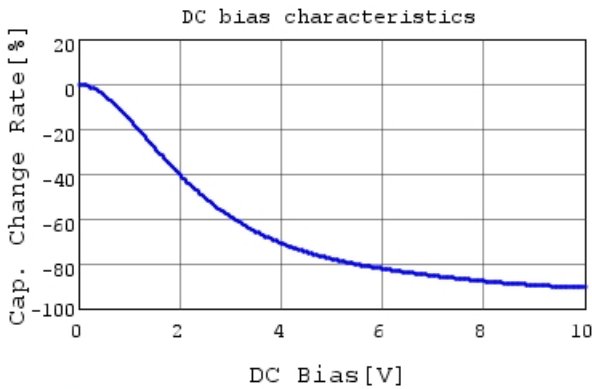
The charts below may show another part number which shares its characteristics.



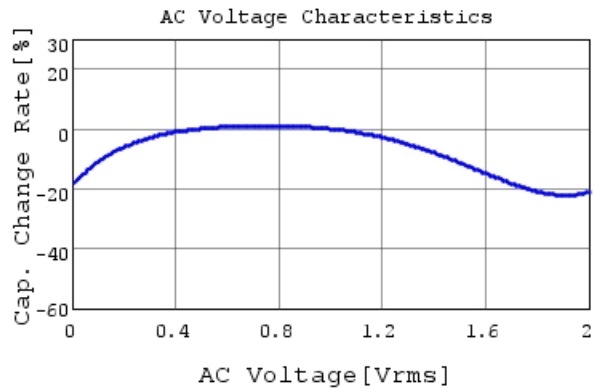
GRM033R61A225KE47 |Z| DCOV, 25degC



GRM033R61A225KE47 R DCOV, 25degC



GRM033R61A225KE47 C-DC bias capchange, 25.0c



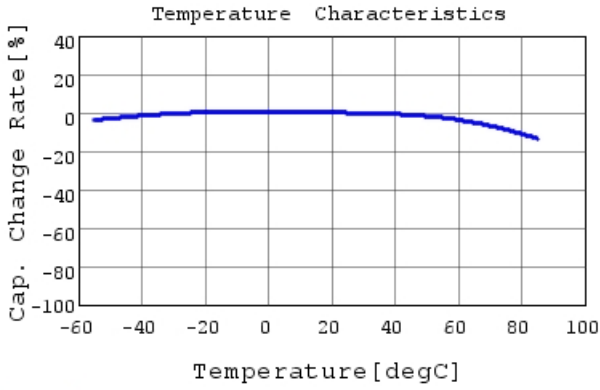
GRM033R61A225KE47 C-AC Voltage capchange, Dc

Attention

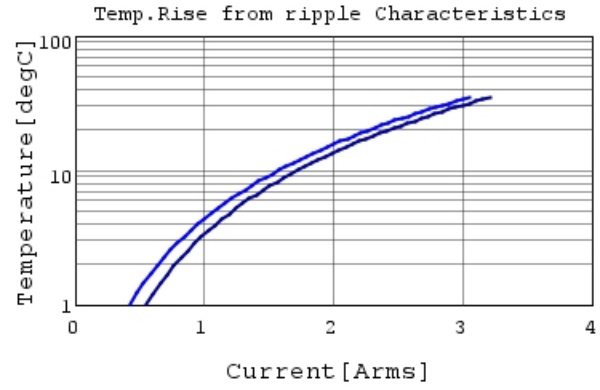
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GRM033R61A225KE47 C-Temp. capchange, DC0.0V,



GRM033R61A225KE47 Temp.rise — 500kHz

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