

GRT033R61C103KE01#

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



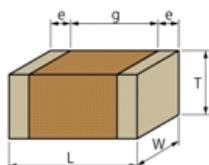
< List of part numbers with package codes >

GRT033R61C103KE01D GRT033R61C103KE01W GRT033R61C103KE01J
GRT033R61C103KE01V

Applications

Unsuitable Applications	Please be sure to read and comply with these "Precautions for use."
Specific Applications	Automotive infotainment/comfort equipment, Industrial Equipment, Medical equipment [GHF 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.

Appearance & Shape



Notices

Derating1

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	150000

Mass (typ.)	
1 piece	0.33mg

Attention

1. This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, its 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.

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Specifications

Length	0.6±0.03mm
Width	0.3±0.03mm
Thickness	0.3±0.03mm
Capacitance	10000pF ±10%
Distance between external terminals g	0.2mm min.
External terminal size e	0.1 to 0.2mm
Operating Temperature Range	-55°C to 85°C
Rated Voltage	16Vdc
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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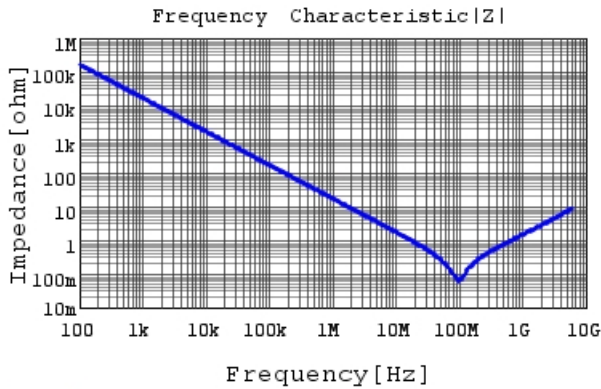
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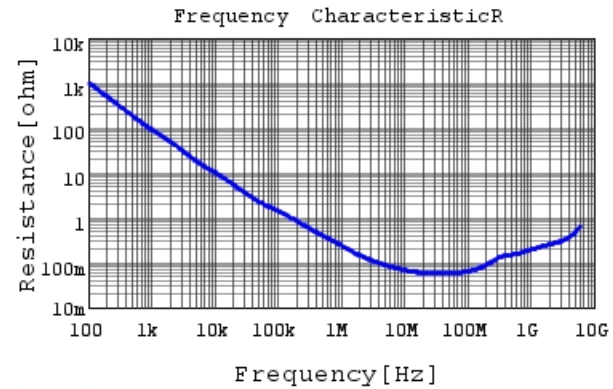


Characteristic Data

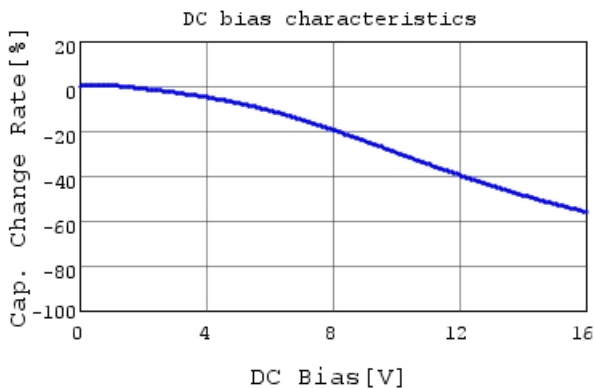
The charts below may show another part number which shares its characteristics.



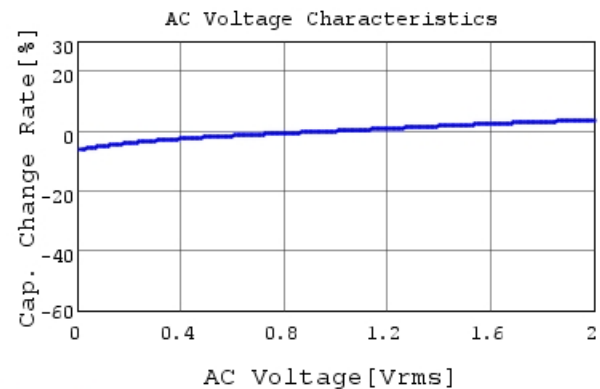
GRT033R61C103KE01 |Z| DCOV,25degC



GRT033R61C103KE01 R DCOV,25degC



GRT033R61C103KE01 C-DC bias capchange, 25.0C



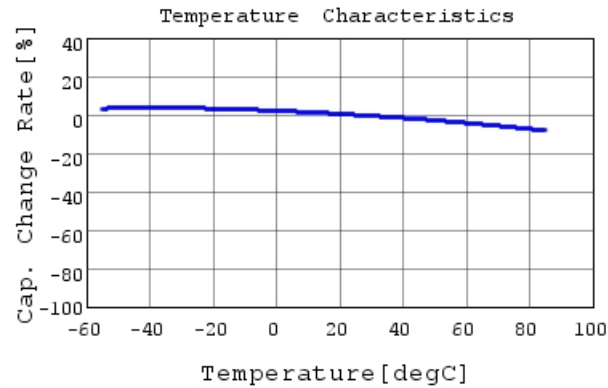
GRT033R61C103KE01 C-AC Voltage capchange, Dc

Attention

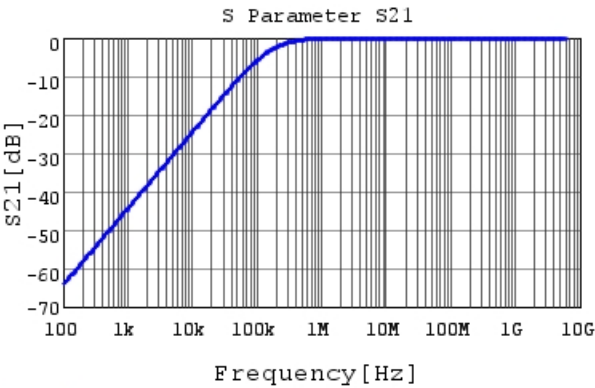
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GRT033R61C103KE01 C-Temp. capchange, DC0.0V,



GRT033R61C103KE01 S21 DC0V, 25degC

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