

# GRT188R61E475KE13#

“#” indicates a package specification code.



## < List of part numbers with package codes >

GRT188R61E475KE13D      GRT188R61E475KE13J

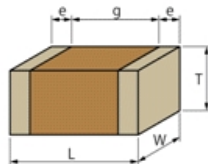
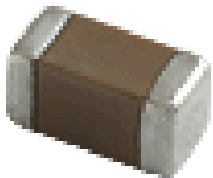
## Applications

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

## Notices

Derating1

## Appearance & Shape



## References

Packaging	Specifications	Standard Packing Quantity
D	180mm Paper Tape	4000
J	330mm Paper Tape	10000

Mass (typ.)	
1 piece	8.1mg

### Attention

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## Specifications

Length	1.6±0.15mm
Width	0.8±0.15mm
Thickness	0.8±0.15mm
Capacitance	4.7μF ±10%
Distance between external terminals g	0.6mm min.
External terminal size e	0.2 to 0.55mm
Operating Temperature Range	-55°C to 85°C
Rated Voltage	25Vdc
Size code in inch(mm)	0603 (1608M)
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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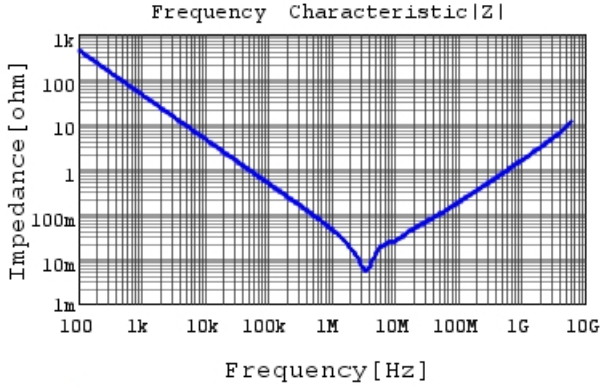
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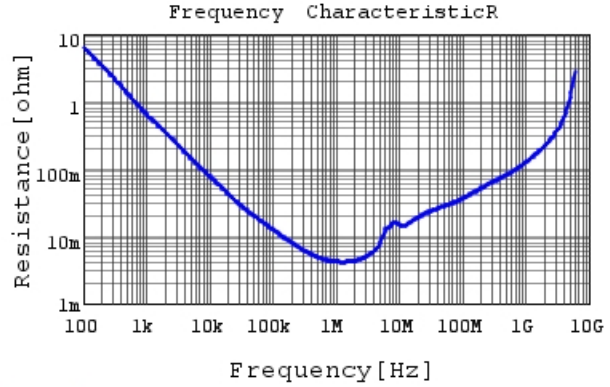


## Characteristic Data

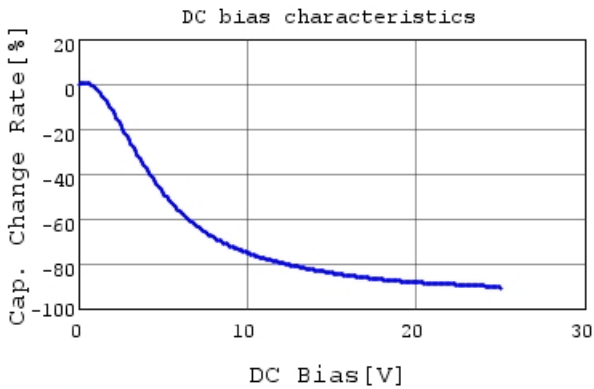
The charts below may show another part number which shares its characteristics.



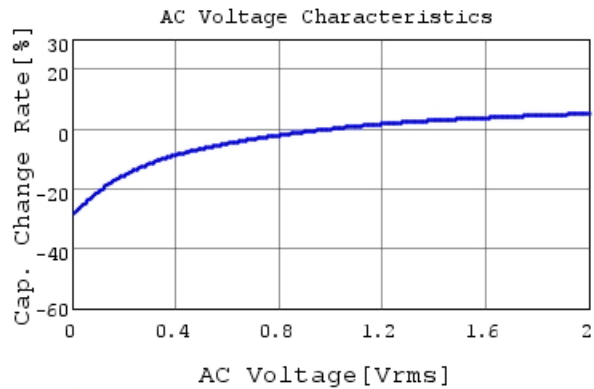
GRT188R61E475KE13 |Z| DCOV, 25degC



GRT188R61E475KE13 R DCOV, 25degC



GRT188R61E475KE13 C-DC bias capchange, 25.0c



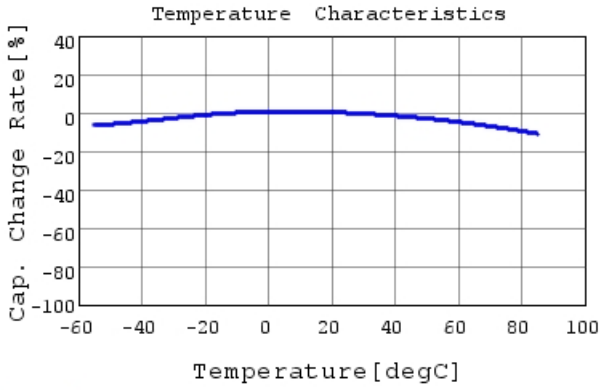
GRT188R61E475KE13 C-AC Voltage capchange, Dc

**Attention**

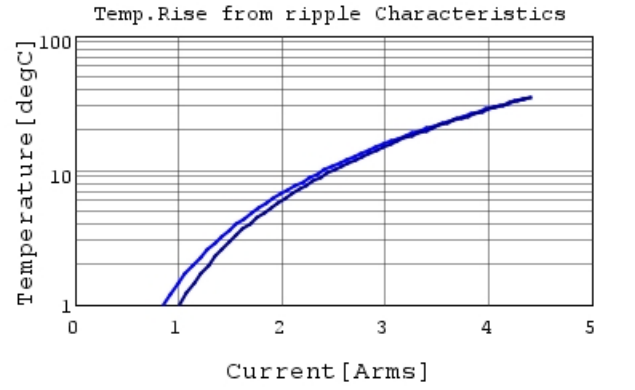
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GRT188R61E475KE13 C-Temp. capchange, DC0.0V,



GRT188R61E475KE13 Temp.rise — 500kHz —

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