

# GRT188R61E106ME13#

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



## < List of part numbers with package codes >

GRT188R61E106ME13D      GRT188R61E106ME13W      GRT188R61E106ME13J  
GRT188R61E106ME13V

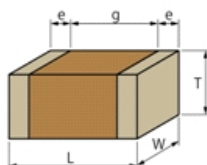
## Applications

Unsuitable Applications	Please be sure to read and comply with these "Precautions for use."
Specific Applications	Automotive infotainment/comfort equipment, Industrial Equipment, Medical equipment [GHTE 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	φ180mm Reel Paper Tape	4000
W	φ180mm Reel W8P2 Paper Tape	8000
J	φ330mm Reel Paper Tape	10000
V	φ330mm Reel W8P2 Paper Tape	30000

Mass (typ.)	
1 piece	9.1mg

### Attention

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## Specifications

Length	1.6±0.2mm
Width	0.8±0.2mm
Thickness	0.8±0.2mm
Capacitance	10μF ±20%
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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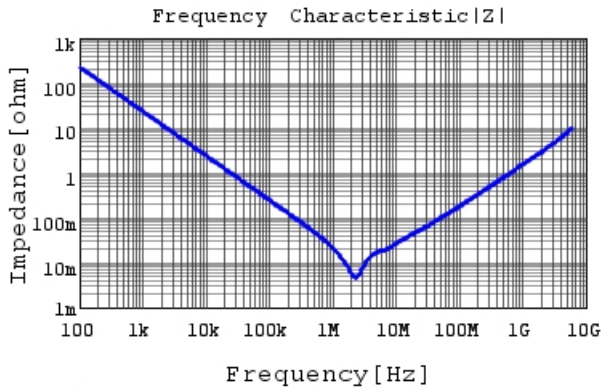
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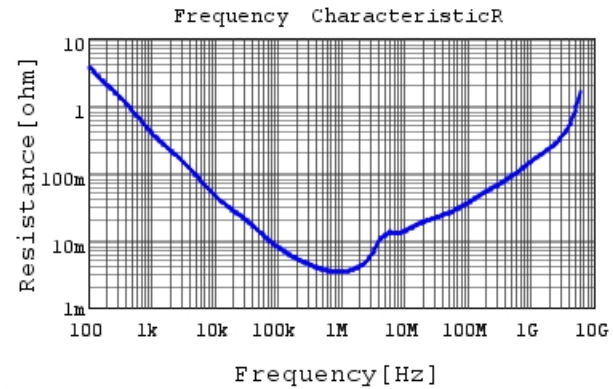


## Characteristic Data

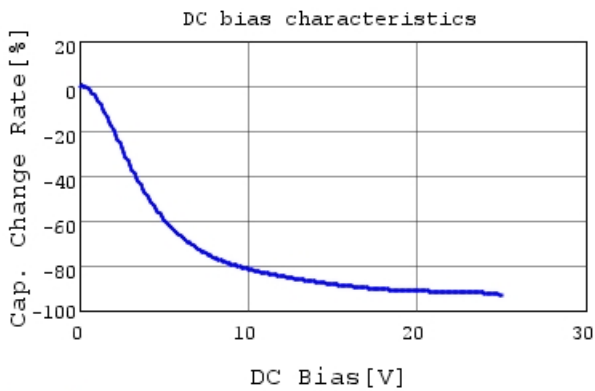
The charts below may show another part number which shares its characteristics.



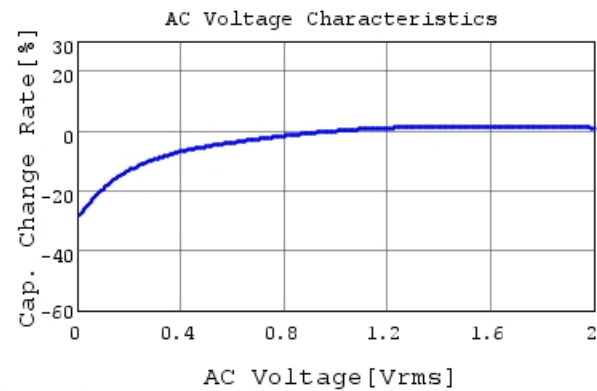
GRT188R61E106ME13 |Z| DCOV,25degC



GRT188R61E106ME13 R DCOV,25degC



GRT188R61E106ME13 C-DC bias capchange, 25.0C



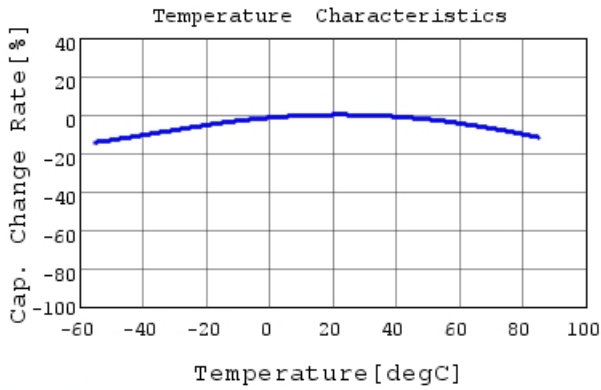
GRT188R61E106ME13 C-AC Voltage capchange, D

### Attention

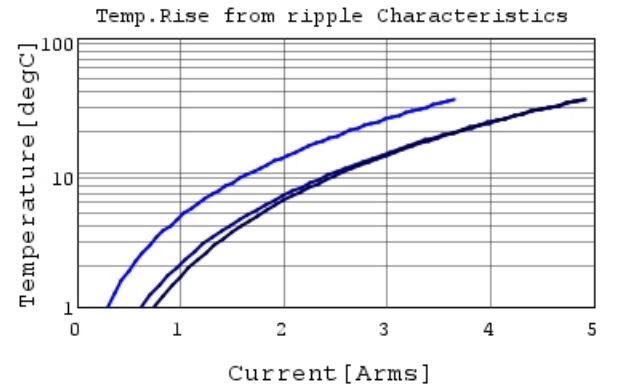
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GRT188R61E106ME13 C-Temp. capchange, DC0.0V,



GRT188R61E106ME13 Temp.rise — 80kHz —

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