

# GRM31CR72E333KW03#

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



## < List of part numbers with package codes >

GRM31CR72E333KW03L      GRM31CR72E333KW03K

## Applications

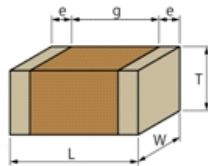
Unsuitable Applications	Please be sure to read and comply with these "Precautions for use."
Specific Applications	Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTE A/B/C] except for implant equipment, Automotive infotainment/comfort equipment Please refer to Our Website 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.

## References

Packaging	Specifications	Standard Packing Quantity
L	180 Embossed Tape	2000
K	330 Embossed Tape	8000

Mass (typ.)	
1 piece	52.0mg

## Appearance & Shape



**Attention**  
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 2. This datasheet has only typical specifications because there is no space for detailed specifications.  
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## Specifications

Length	3.2±0.2mm
Width	1.6±0.2mm
Thickness	1.6±0.2mm
Capacitance	33000pF ±10%
Distance between external terminals g	1.2mm min.
External terminal size e	0.3mm min.
Operating Temperature Range	-55°C to 125°C
Rated Voltage	250Vdc
Size code in inch(mm)	1206 (3216M)
Capacitance change rate	±15.0%
Temperature characteristics (complied standard)	X7R(EIA)
Temperature range of temperature characteristics	-55°C to 125°C

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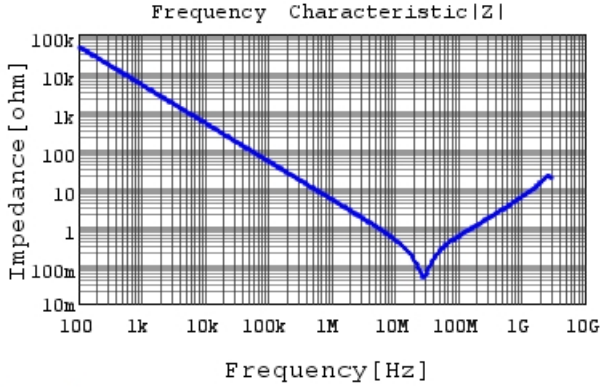
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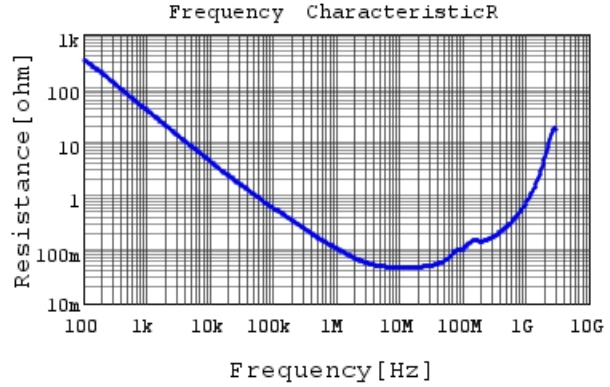


## Characteristic Data

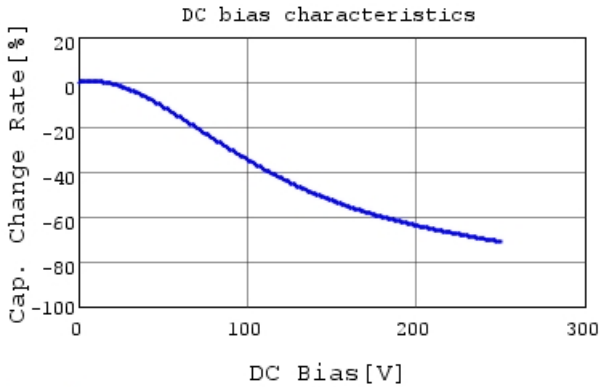
The charts below may show another part number which shares its characteristics.



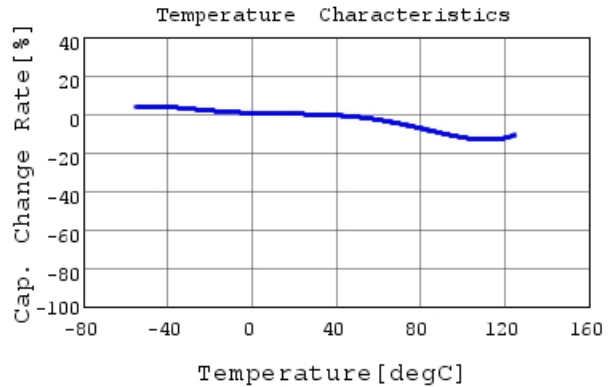
GRM31CR72E333KW03 |Z| DCOV, 25degC



GRM31CR72E333KW03 R DCOV, 25degC



GRM31CR72E333KW03 C-DC bias capchange, 25.0c



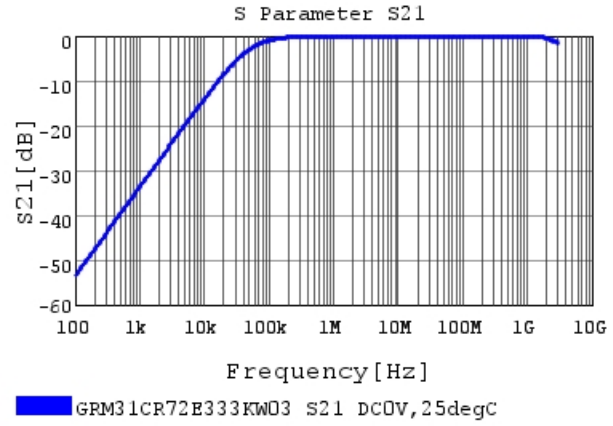
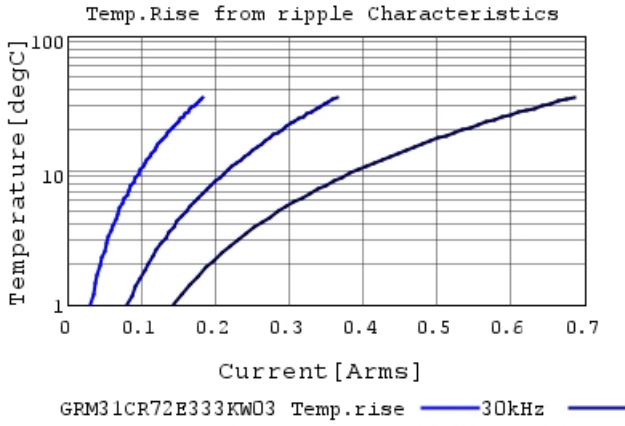
GRM31CR72E333KW03 C-Temp. capchange, DCOV, 1

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