

GRT31CR71H225KE13#

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



< List of part numbers with package codes >

GRT31CR71H225KE13L GRT31CR71H225KE13K

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
L	180 Embossed Tape	2000
K	330 Embossed Tape	6000

Mass (typ.)	
1 piece	52.0mg

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	2.2μF ±10%
Distance between external terminals g	1.5mm min.
External terminal size e	0.3 to 0.8mm
Operating Temperature Range	-55°C to 125°C
Rated Voltage	50Vdc
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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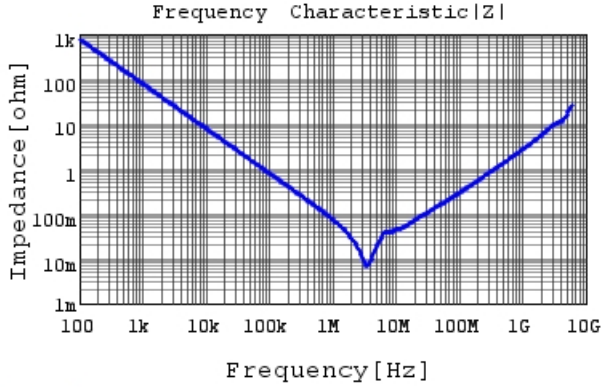
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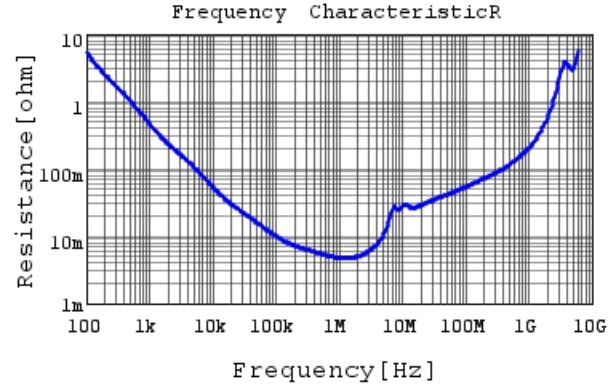


Characteristic Data

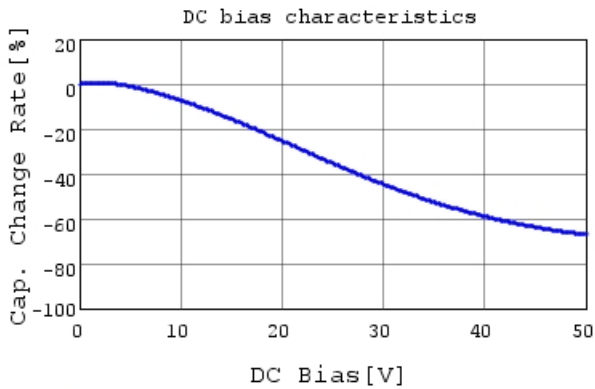
The charts below may show another part number which shares its characteristics.



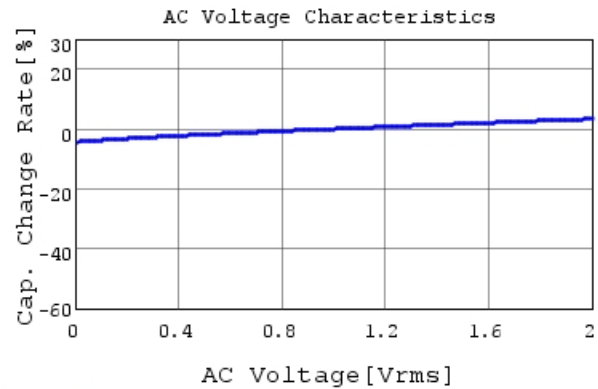
GRT31CR71H225KE13 |Z| DCOV,25degC



GRT31CR71H225KE13 R DCOV,25degC



GRT31CR71H225KE13 C-DC bias capchange, 25.0C



GRT31CR71H225KE13 C-AC Voltage capchange, Dc

Attention

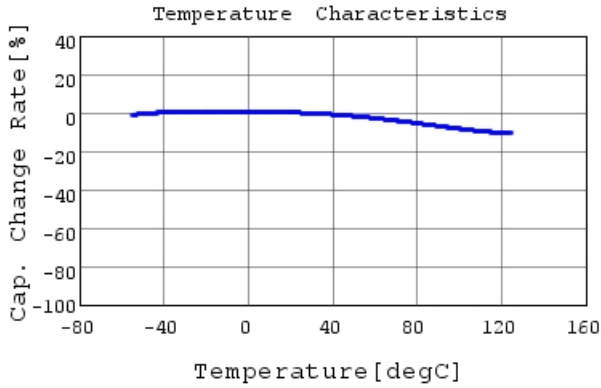
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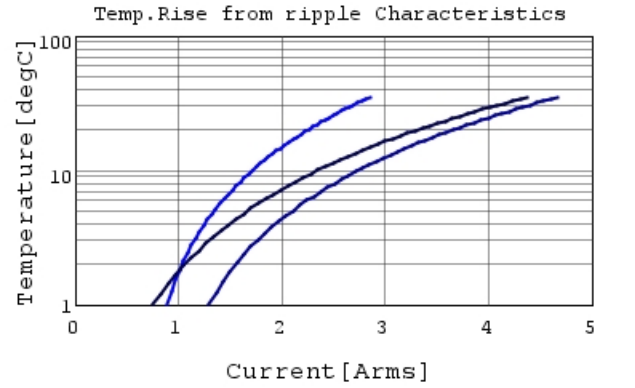
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GRT31CR71H225KE13 C-Temp. capchange, DC0.0V,



GRT31CR71H225KE13 Temp.rise — 100kHz —

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