

# GRT21BR71H105KE01#

"#" indicates a package specification code.



## < List of part numbers with package codes >

GRT21BR71H105KE01L      GRT21BR71H105KE01K

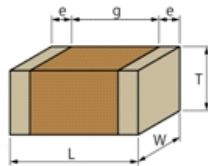
## Applications

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
L	180 Embossed Tape	3000
K	330 Embossed Tape	10000

Mass (typ.)	
1 piece	17.0mg

### Attention

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## Specifications

Length	2.0±0.1mm
Width	1.25±0.1mm
Thickness	1.25±0.1mm
Capacitance	1.0μF ±10%
Distance between external terminals g	0.7mm min.
External terminal size e	0.2 to 0.7mm
Operating Temperature Range	-55°C to 125°C
Rated Voltage	50Vdc
Size code in inch(mm)	0805 (2012M)
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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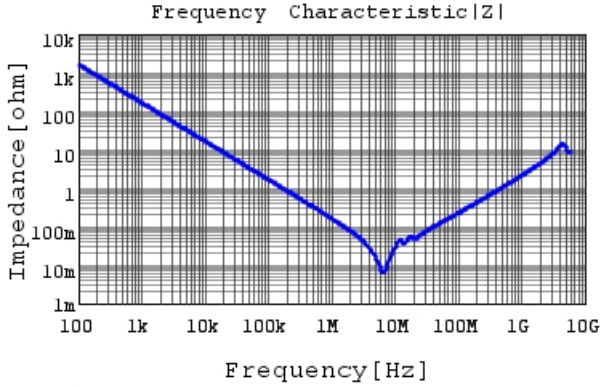
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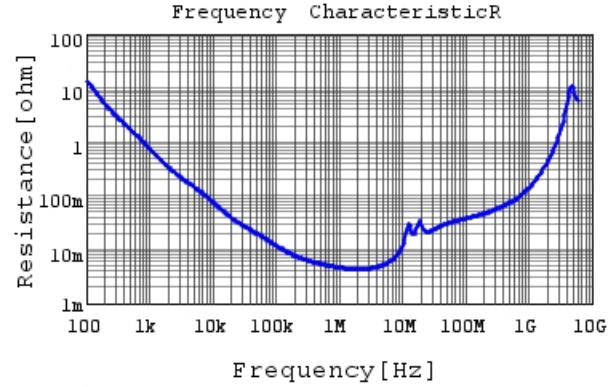


## Characteristic Data

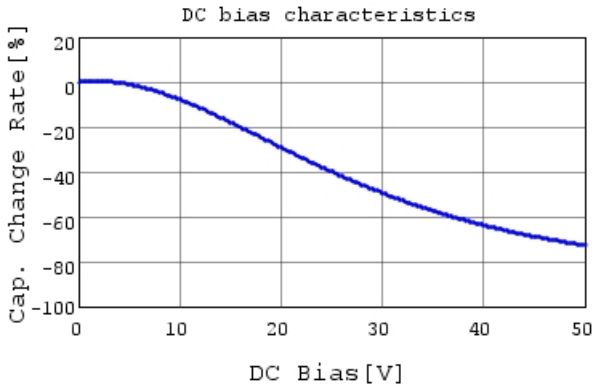
The charts below may show another part number which shares its characteristics.



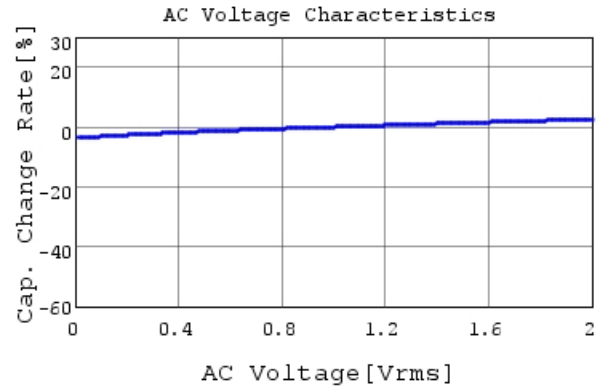
GRT21BR71H105KE01 |Z| DCOV, 25degC



GRT21BR71H105KE01 R DCOV, 25degC



GRT21BR71H105KE01 C-DC bias capchange, 25.0c



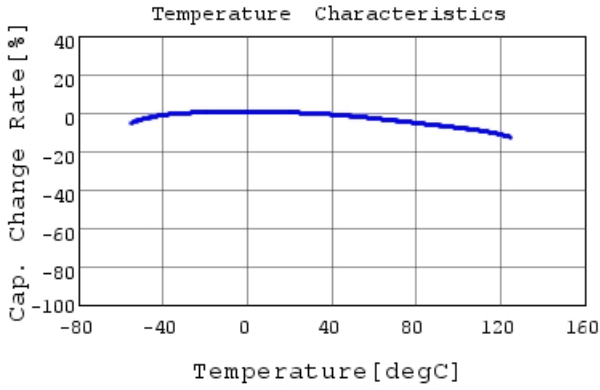
GRT21BR71H105KE01 C-AC Voltage capchange, Dc

**Attention**

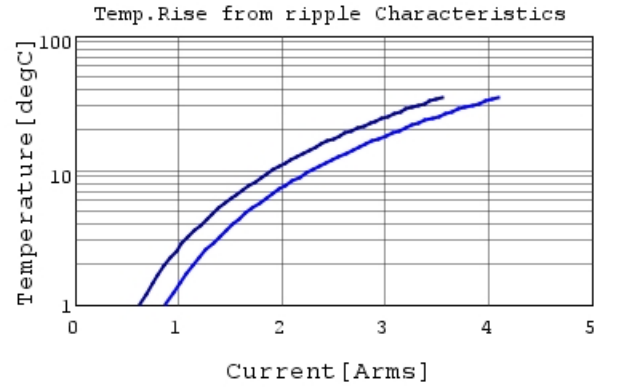
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GRT21BR71H105KE01 C-Temp. capchange, DC0.0V,



GRT21BR71H105KE01 Temp.rise — 500kHz —

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