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Please download the latest datasheet of GRT31CR61H106KE01# from the official website of Murata

http://www.murata.com/en-sg/products/productdetail?partno=GRT31CR61H106KE01%23

"#"at the end indicates the package specification code.















Derating 1

< List of part numbers with package codes > GRT31CR61H106KE01L GRT31CR61H106KE01K



## **Applications**

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



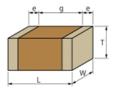
### **Notices**

#### Derating1



## Appearance & Shape







## References

	Specifications	Standard
Packaging		Packing
		Quantity
L	180Embossed Tape	2000
K	330Embossed Tape	6000

Mass (typ.)	
1 piece	52.0mg

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 $2. This \ data{sheet has only typical specifications because there is no \ space for \ detailed \ specifications.}$ 

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# **Specifications**

Length	3.2±0.2mm
Width	1.6±0.2mm
Thickness	1.6±0.2mm
Capacitance	10μF ±10%
Distance between external terminals g	1.5mm min.
External terminal size e	0.3 to 0.8mm
Operating Temperature Range	-55°C to 85°C
Rated Voltage	50Vdc
Size code in inch(mm)	1206 (3216M)
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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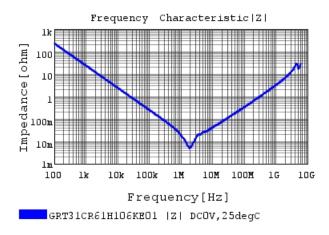
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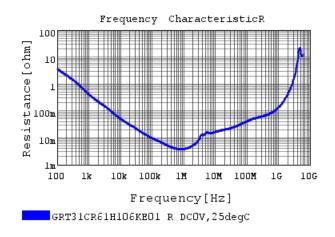
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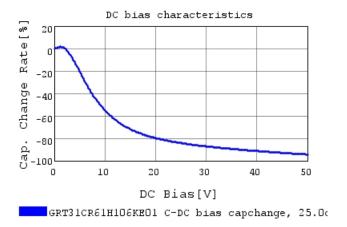


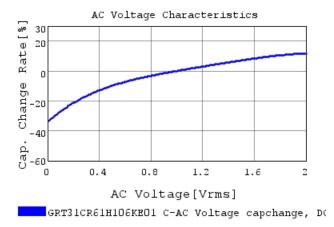
### Characteristic Data

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









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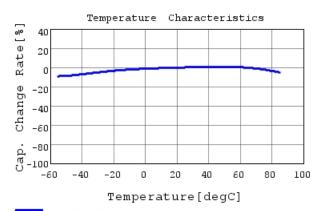


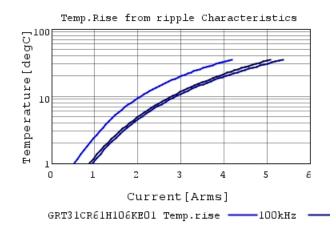
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GRT31CR61H1O6KEO1 C-Temp. capchange, DCO.OV,

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