

# GCJ31CR71H225KA12#

“#” indicates a package specification code.



## < List of part numbers with package codes >

GCJ31CR71H225KA12L      GCJ31CR71H225KA12K

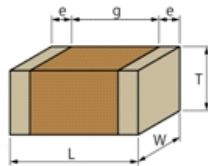
## Applications

Unsuitable Applications	Please be sure to read and comply with these "Precautions for use."
Specific Applications	Automotive powertrain/safety equipment, Automotive infotainment/comfort 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

Resin external electrode products

## Appearance & Shape



## References

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

Mass (typ.)	
1 piece	52.0mg

### Attention

- This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, its specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.
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## Specifications

Length	3.2±0.3mm
Width	1.6±0.3mm
Thickness	1.6±0.3mm
Capacitance	2.2µF ±10%
Distance between external terminals g	1.5mm min.
External terminal size e	0.3 to 1.0mm
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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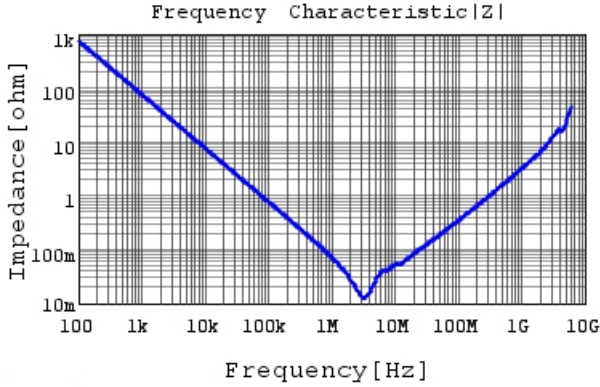
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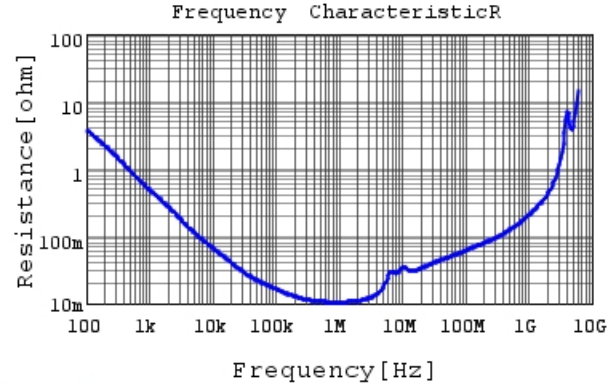


## Characteristic Data

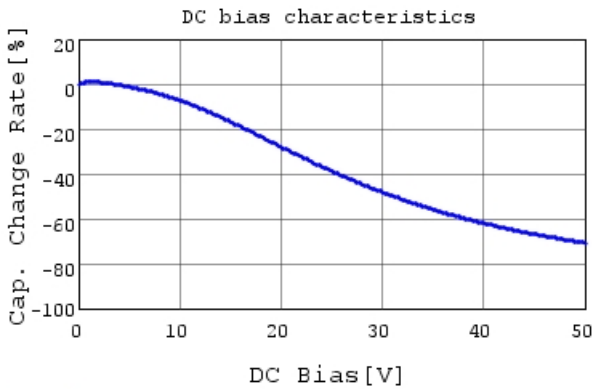
The charts below may show another part number which shares its characteristics.



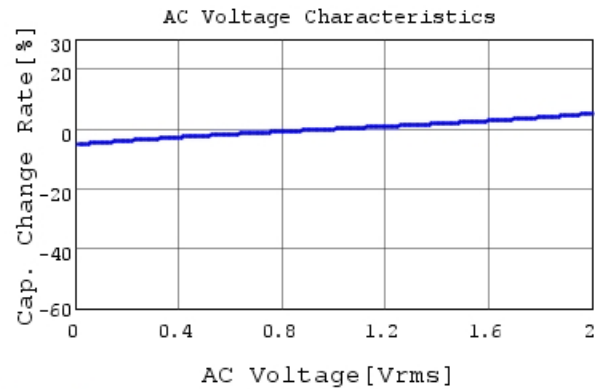
GCJ31CR71H225KA12 |Z| DC0V, 25degC



GCJ31CR71H225KA12 R DC0V, 25degC



GCJ31CR71H225KA12 C-DC bias capchange, 25.0c



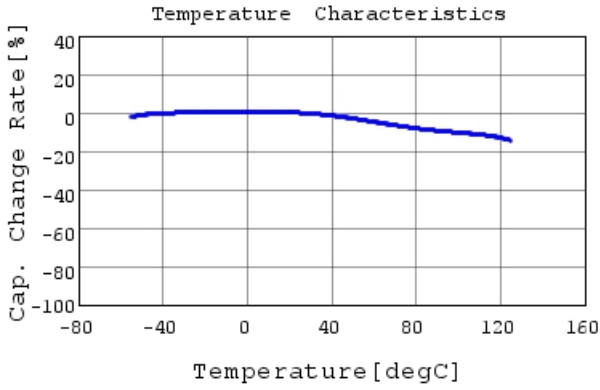
GCJ31CR71H225KA12 C-AC Voltage capchange, DC

**Attention**

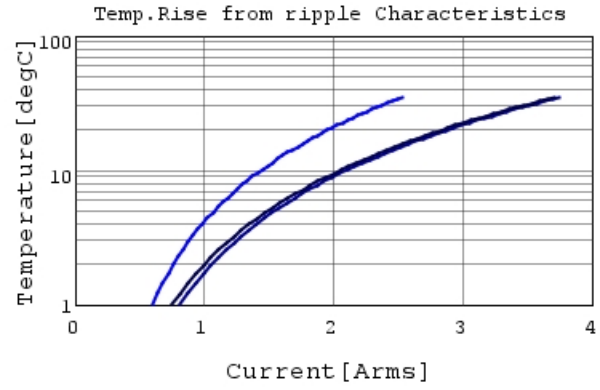
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GCJ31CR71H225KA12 C-Temp. capchange, DC0.0V,



GCJ31CR71H225KA12 Temp.rise — 100kHz —

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