

GC331CD72W473KX03#

“#” indicates a package specification code.



< List of part numbers with package codes >

GC331CD72W473KX03L GC331CD72W473KX03K

Appearance & Shape



References

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

Mass (typ.)	
1 piece	52.0mg
φ180mm Reel	144g

Notices

Large Capacitance and High Allowable Ripple Current

Attention

- 1.This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's 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.
- 2.This datasheet has only typical specifications because there is no space for detailed specifications. Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

GC331CD72W473KX03#

“#” indicates a package specification code.



Specifications

Length	3.2±0.2mm
Width	1.6±0.2mm
Thickness	1.6±0.2mm
Capacitance	47000pF ±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	450Vdc
Size code in inch(mm)	1206 (3216M)
Capacitance change rate	+22.0/-33.0%
Temperature characteristics (complied standard)	X7T(EIA)
Temperature range of temperature characteristics	-55°C to 125°C

Attention

1.This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's 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.

2.This datasheet has only typical specifications because there is no space for detailed specifications.

Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

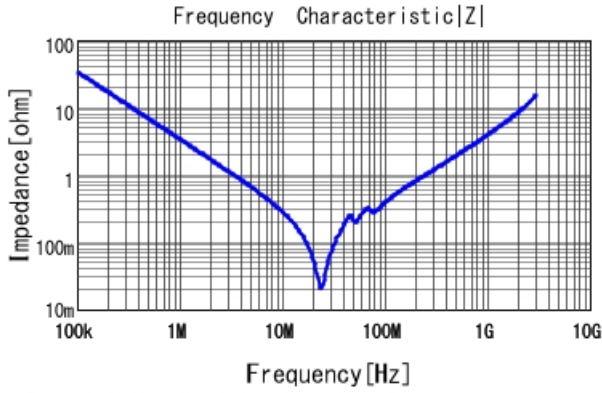
GC331CD72W473KX03#

“#” indicates a package specification code.

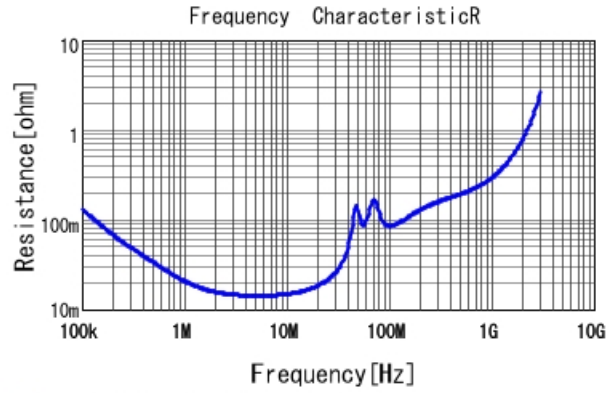


Characteristic Data

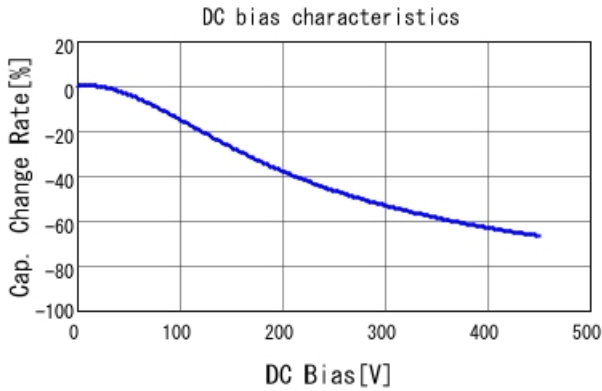
The charts below may show another part number which shares its characteristics.



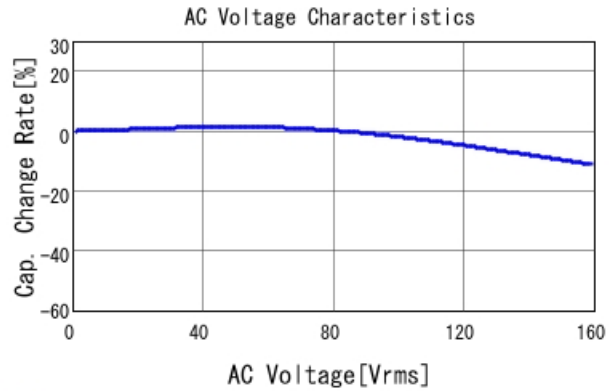
■ GC331CD72W473KX03 |Z| DCOV, 25degC



■ GC331CD72W473KX03 R DCOV, 25degC



■ GC331CD72W473KX03 C-DC bias capchange, 25.0degC, AC1V



■ GC331CD72W473KX03 C-AC Voltage capchange, DCOV, 25.0d

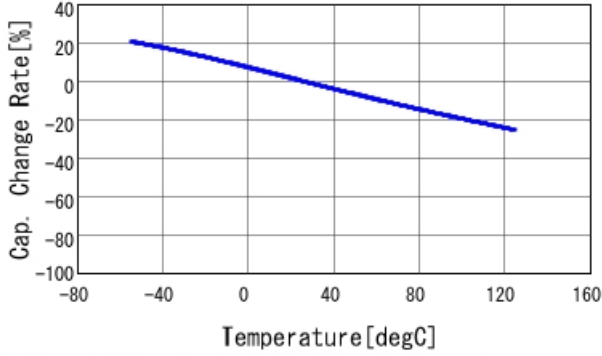
Attention

- 1.This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's 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.
- 2.This datasheet has only typical specifications because there is no space for detailed specifications. Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

GC331CD72W473KX03#

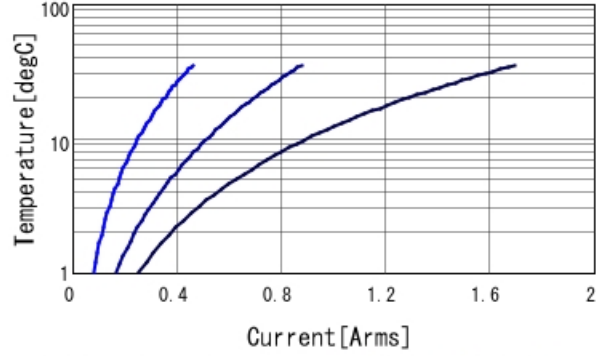
“#” indicates a package specification code.

Temperature Characteristics



■ GC331CD72W473KX03 C-Temp. capchange, DCOV, AC1Vrms

Temp. Rise from ripple Characteristics



GC331CD72W473KX03 Temp. rise ■ 30kHz ■ 100kHz ■ 300kHz

Attention

- 1.This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's 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.
- 2.This datasheet has only typical specifications because there is no space for detailed specifications. Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.