GXT31CR6YA106KE01#

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

● In Production

AEC-Q200 Compliant Water Repellent Chip Multilayer Ceramic Capacitors for Automotive Infotainment/Comfort Equipment & Industrial Equipment

GXT31CR6YA106KE01#

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



GXT31CR6YA106KE01L,GXT31CR6YA106KE01K

Applications

Unsuitable Applications	Please be sure to read and comply with these "Precautions for use".
Specific Applications	Industrial 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.

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.

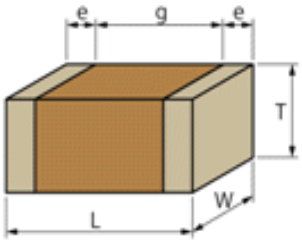
Note: If you have not downloaded this document from our official website, please note that the information provided may not be the most current.
Please download the latest datasheet of GXT31CR6YA106KE01# from the official website of Murata
https://pim.murata.com/en-global/pim/details/?partNum=GXT31CR6YA106KE01#

GXT31CR6YA106KE01#

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

Appearance & Shape





Chip size code (mm/inch)	3216M/1206
Length	3.2mm ±0.2mm
Width	1.6mm ±0.2mm
Thickness	1.6mm ±0.2mm
External terminal size€	0.3 ~ 0.8mm

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.

GXT31CR6YA106KE01#

Note: If you have not downloaded this document from our official website, please note that the information provided may not be the most current.
Please download the latest datasheet of GXT31CR6YA106KE01# from the official website of Murata
https://pim.murata.com/en-global/pim/details/?partNum=GXT31CR6YA106KE01#

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

Specifications

Temperature characteristics (complied standard)	EIA
Temperature characteristics	X5R
Temperature range of temperature characteristics	-55 ~ 85℃
Operating Temperature	-55 ~ 85℃
Capacitance	10μF
Tolerance of capacitance	±10%
Rated Voltage DC	35Vdc

References

Packaging	Specifications	Standard Packing Quantity
L	φ180mm Reel Embossed Tape	2000
K	φ330mm Reel W8P4* Embossed Tape	6000

Mass(Typ.)	
1 piece	52mg

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.

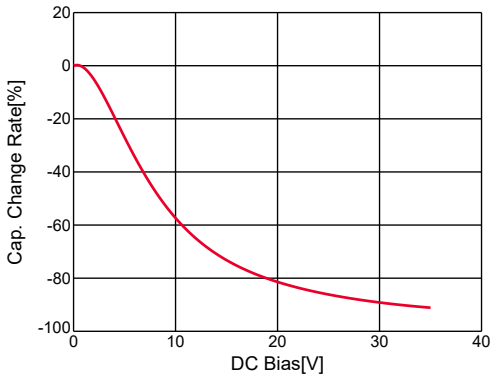
GXT31CR6YA106KE01#

Note: If you have not downloaded this document from our official website, please note that the information provided may not be the most current.
Please download the latest datasheet of GXT31CR6YA106KE01# from the official website of Murata
https://pim.murata.com/en-global/pim/details/?partNum=GXT31CR6YA106KE01#

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

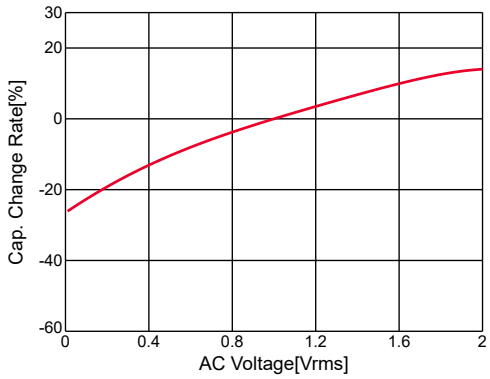
Basic

C-DC bias(Cap Change)



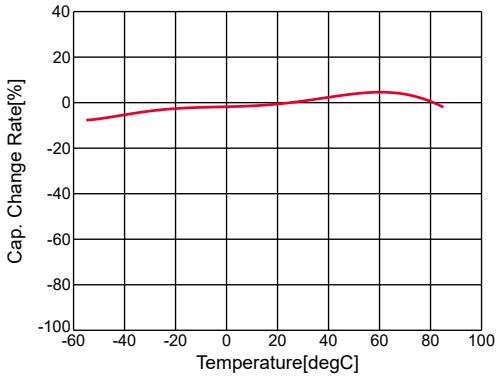
GXT31CR6YA106KE01#,C-DC bias,capchange, 25.0degC, AC1.0Vrms

C-AC voltage(Cap Change)



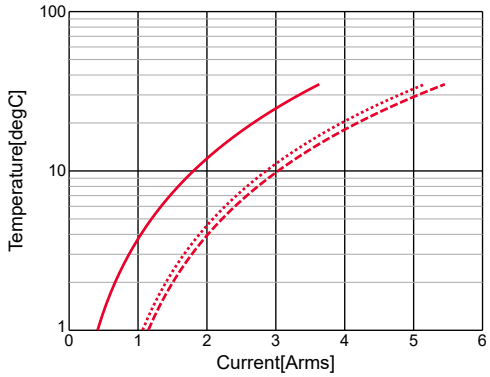
GXT31CR6YA106KE01#,C-AC Voltage,capchange, DC0V, 25.0degC

C-Temp.(Cap Change)



GXT31CR6YA106KE01#,C-Temp.,capchange, DC0.0V, AC1.0Vrms

Temp.rise



GXT31CR6YA106KE01#,Temp.rise

☑ 80kHz ☑ 400kHz ☑ 800kHz

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.

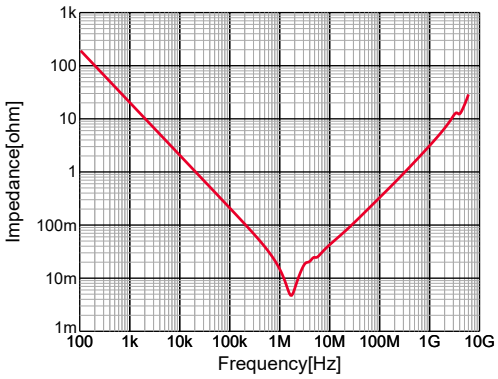
GXT31CR6YA106KE01#

Note: If you have not downloaded this document from our official website, please note that the information provided may not be the most current.
Please download the latest datasheet of GXT31CR6YA106KE01# from the official website of Murata
https://pim.murata.com/en-global/pim/details/?partNum=GXT31CR6YA106KE01#

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

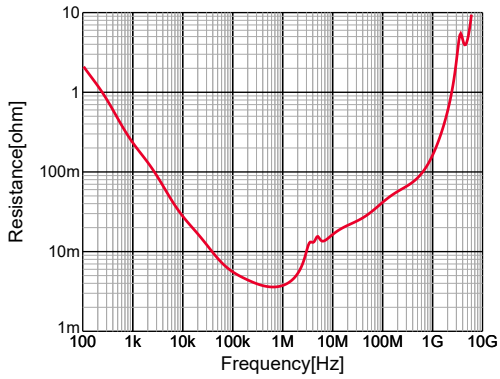
Frequency Characteristic

|Z|



GXT31CR6YA106KE01#,|Z|,DC0V,25degC

R



GXT31CR6YA106KE01#,R,DC0V,25degC

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.