![muRata INNOVATOR IN ELECTRONICS]

Product Search Data Sheet

Note: This datasheet may be out of date.
Please download the latest datasheet of GCJ21AR72E472KXJ1# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=GCJ21AR72E472KXJ1%23

GCJ21AR72E472KXJ1#

"#" indicates a package specification code.

In Production | AEC-Q200 | RoHS | REACH | 125℃ max. | Deflecting crack | Reflow OK | Flow OK

< List of part numbers with package codes >

GCJ21AR72E472KXJ1D   GCJ21AR72E472KXJ1J

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
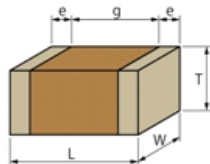
References

Packaging	Specifications	Standard Packing Quantity
D	φ180mm Reel Paper Tape	4000
J	φ330mm Reel Paper Tape	10000

Mass (typ.)	
1 piece	13.0mg

1 of 4

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.

GCJ21AR72E472KXJ1#

"#" indicates a package specification code.

Specifications

Length	2.0±0.2mm
Width	1.25±0.2mm
Thickness	1.0+0/-0.3mm
Capacitance	4700pF ±10%
Distance between external terminals g	0.7mm min.
External terminal size e	0.3mm min.
Operating Temperature Range	-55℃ to 125℃
Rated Voltage	250Vdc
Size code in inch(mm)	0805 (2012M)
Capacitance change rate	±15.0%
Temperature characteristics (complied standard)	X7R(EIA)
Temperature range of temperature characteristics	-55℃ to 125℃

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.
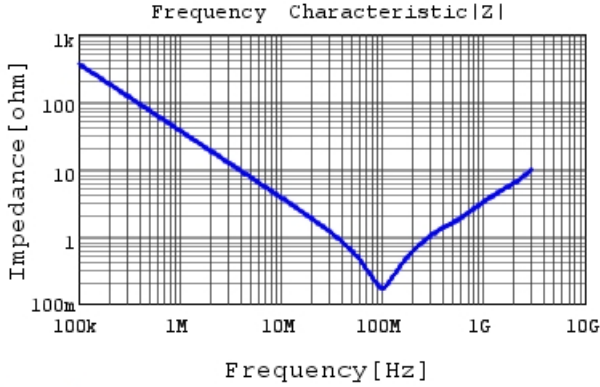
Last updated07/25/2023

muRata
INNOVATOR IN ELECTRONICS

Product Search Data Sheet

Note: This datasheet may be out of date.

Please download the latest datasheet of GCJ21AR72E472KXJ1# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=GCJ21AR72E472KXJ1%23

GCJ21AR72E472KXJ1#

"#" indicates a package specification code.

Characteristic Data

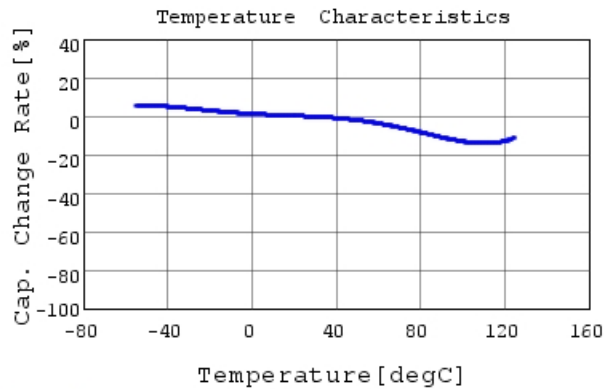The charts below may show another part number which shares its characteristics.

Frequency Characteristic|Z|

GCJ21AR72E472KXJ1 |Z| DC0V,25degC

Frequency CharacteristicR

GCJ21AR72E472KXJ1 R DC0V,25degC

DC bias characteristics
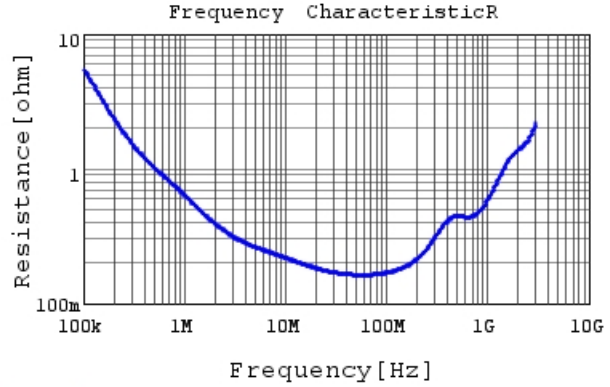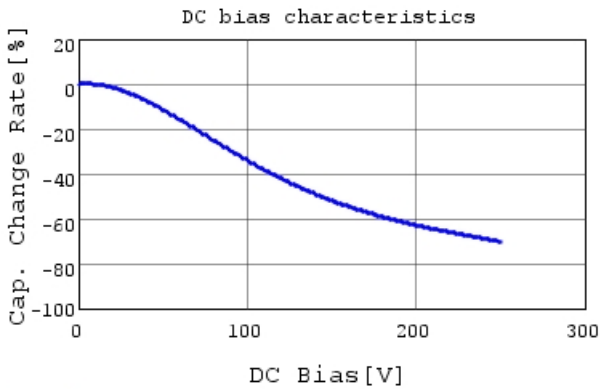
GCJ21AR72E472KXJ1 C-DC bias capchange, 25.0c
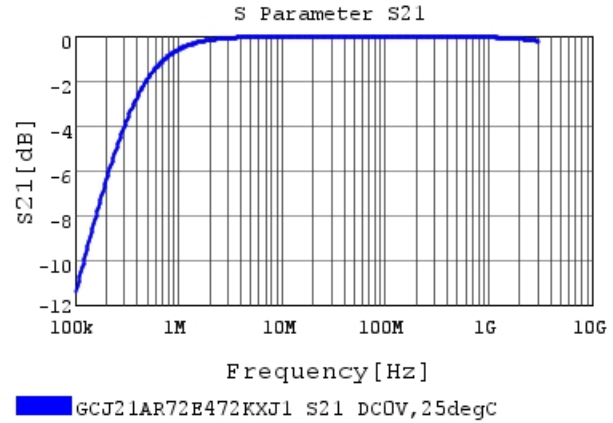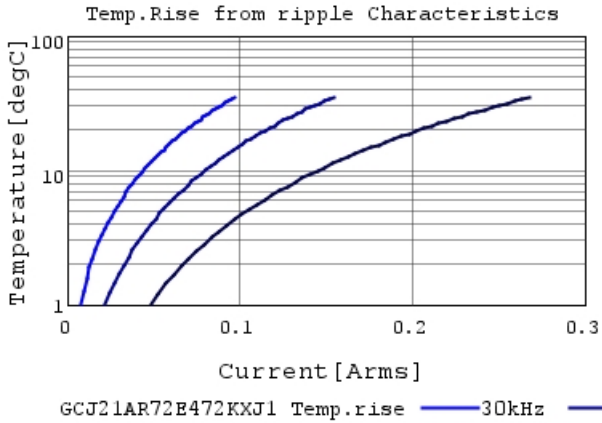

Temperature Characteristics

GCJ21AR72E472KXJ1 C-Temp. capchange, DC0V, A

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.

![muRata INNOVATOR IN ELECTRONICS]

Product Search Data Sheet

Note: This datasheet may be out of date.
Please download the latest datasheet of GCJ21AR72E472KXJ1# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=GCJ21AR72E472KXJ1%23

GCJ21AR72E472KXJ1#

"#" indicates a package specification code.

Temp.Rise from ripple Characteristics

GCJ21AR72E472KXJ1 Temp.rise ——— 30kHz ———

S Parameter S21

GCJ21AR72E472KXJ1 S21 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.

![muRata INNOVATOR IN ELECTRONICS] URL : https://www.murata.com/

Last updated07/25/2023