muRata
INNOVATOR IN ELECTRONICS

Product Search Data Sheet

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 GCJ32DR72E224KXJ1# from the official website of Murata

http://www.murata.com/en/products/productdetail?partno=GCJ32DR72E224KXJ1%23

GCJ32DR72E224KXJ1#

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

In Production | AEC-Q200 | RoHS | REACH | 125°C max. | Deflecting crack | Reflow OK

< List of part numbers with package codes >

GCJ32DR72E224KXJ1L   GCJ32DR72E224KXJ1K

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	180Embossed Tape	1000
K	330Embossed Tape	4000

Mass (typ.)	
1 piece	95.0mg

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Specifications

Length	3.2±0.3mm
Width	2.5±0.2mm
Thickness	2.0+0/-0.3mm
Capacitance	0.22µF ±10%
Distance between external terminals g	1.2mm min.
External terminal size e	0.3mm min.
Operating Temperature Range	-55℃ to 125℃
Rated Voltage	250Vdc
Size code in inch(mm)	1210 (3225M)
Capacitance change rate	±15.0%
Temperature characteristics (complied standard)	X7R(EIA)
Temperature range of temperature characteristics	-55℃ to 125℃

URL : https://www.murata.com/
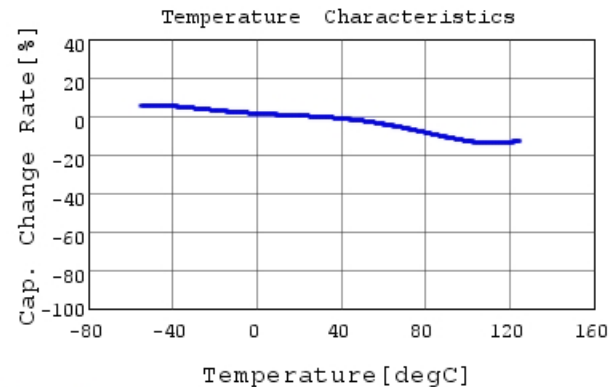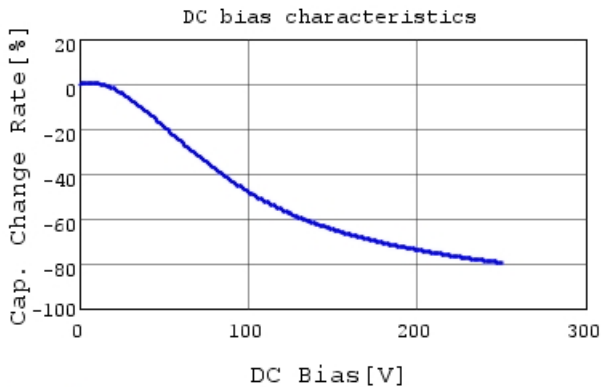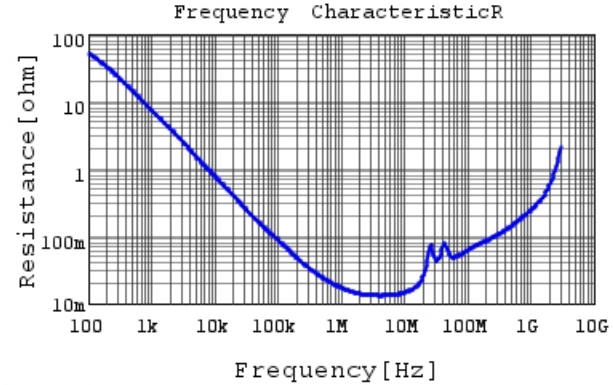
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Characteristic Data

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

Frequency Characteristic|Z|

GCJ32DR72E224KXJ1 |Z| DCOV,25degC

Frequency CharacteristicR

GCJ32DR72E224KXJ1 R DCOV,25degC

DC bias characteristics

GCJ32DR72E224KXJ1 C-DC bias capchange, 25.0c

Temperature Characteristics

GCJ32DR72E224KXJ1 C-Temp. capchange, DCOV, 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.
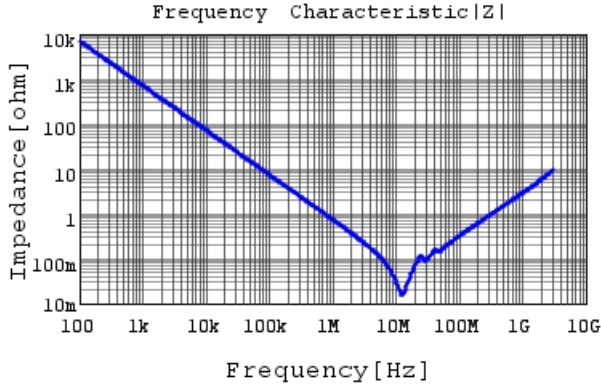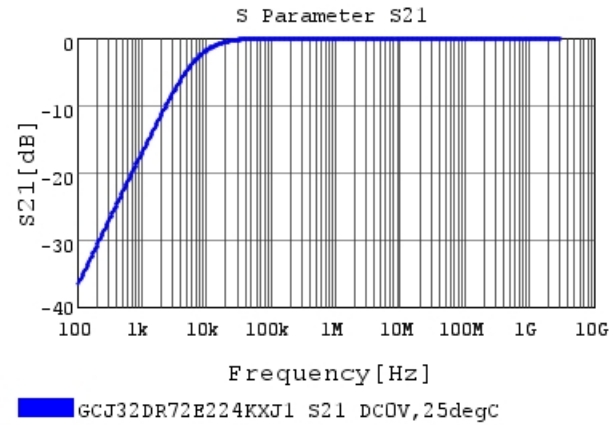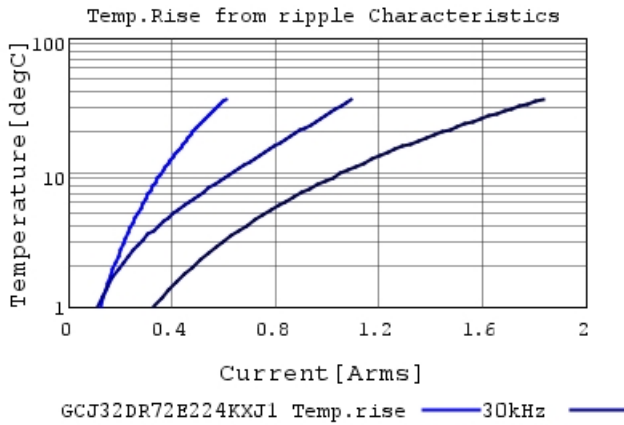
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Temp.Rise from ripple Characteristics

GCJ32DR72E224KXJ1 Temp.rise ——— 30kHz ———

S Parameter S21

GCJ32DR72E224KXJ1 S21 DC0V,25degC

Attention

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