

Capacitor > Ceramic Capacitor (Capacitor) > Ceramic Capacitor (SMD)

Automotive Chip Multilayer Ceramic Capacitors

Please be sure to read this before using the product.  
Precautions regarding counterfeit products

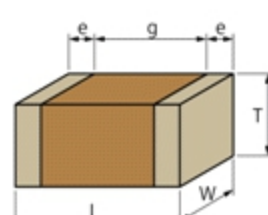
# GCM31MR72A224KA37 #

The "# is the packaging code.

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<List of product numbers with packaging code>  
GCM31MR72A224KA37K GCM31MR72A224KA37L

## Appearance and shape



## spec

Search for products with similar specifications ?

L dimension	3.2 ± 0.15 mm
W dimension	1.6 ± 0.15mm
T dimension	1.15 ± 0.1mm
Capacitance	0.22µF ± 10%
Distance between external electrodes g	1.5mm min.
External electrode dimensions e	0.3-0.8mm
Operating temperature limit	-55 °C ~ 125 °C
Rated voltage	100Vdc
Size code mm	3216M
Capacitance change rate	± 15.0%
Temperature characteristics (compliant standard)	X7R (EIA)
Temperature range of temperature characteristics	-55 °C ~ 125 °C

## Product Search Assistant

We propose candidate products of the same size or smaller size with similar specifications.

- Small size
- High capacity
- High withstand voltage
- High temperature support
- Emphasis on DC bias characteristics
- Find a silicon capacitor with a similar capacity

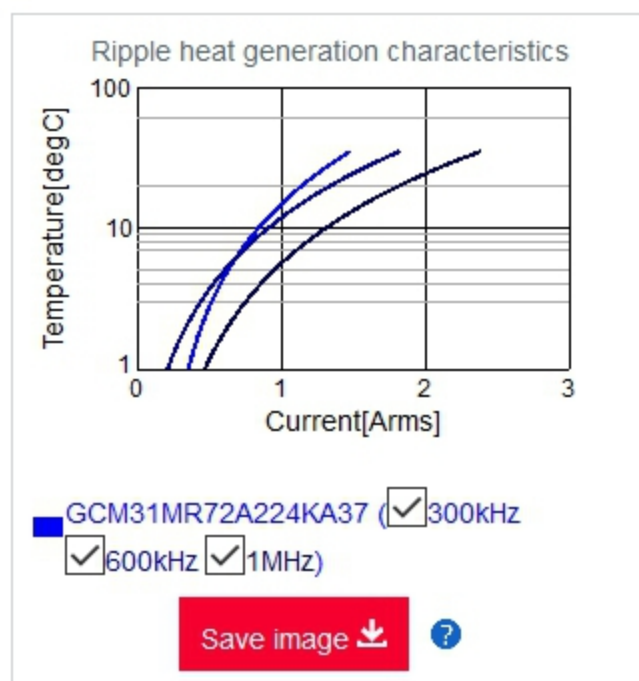
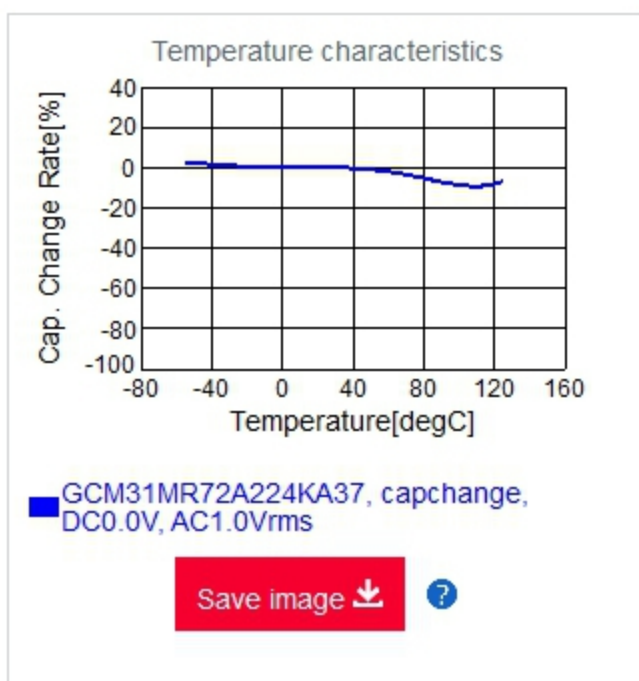
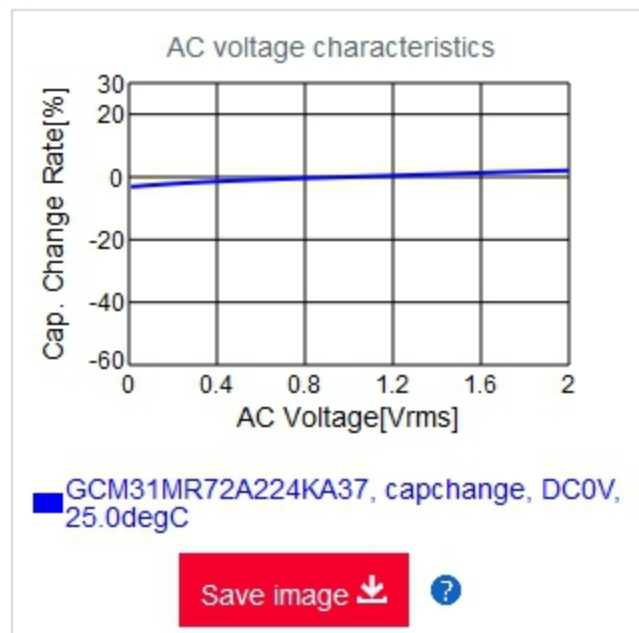
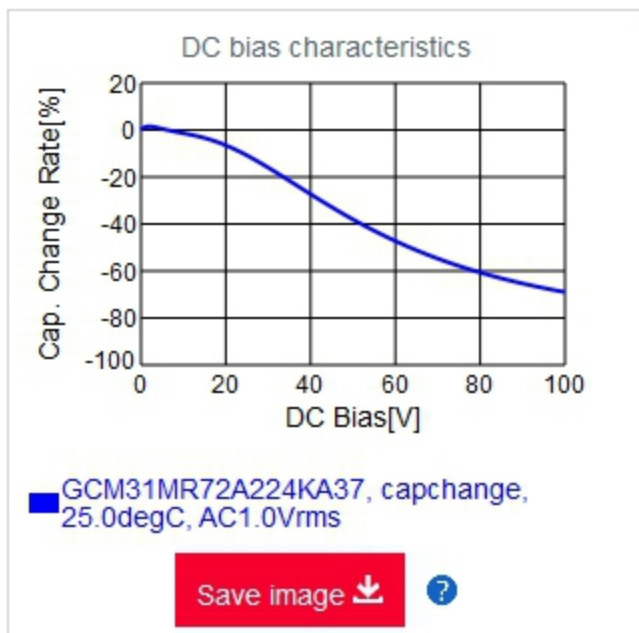
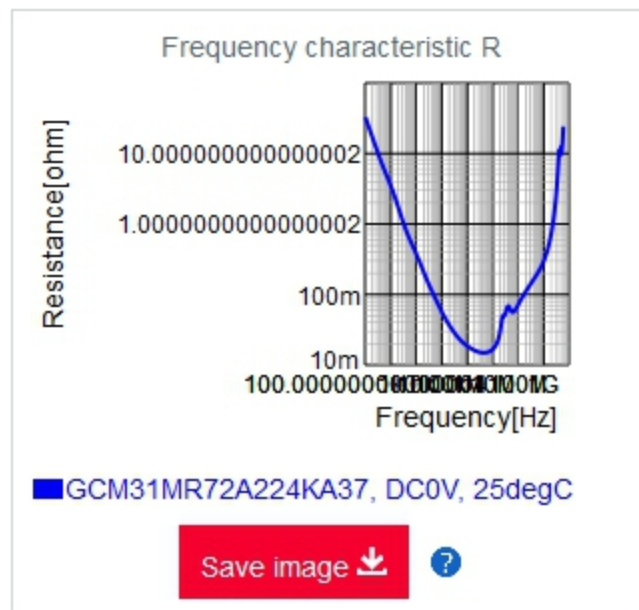
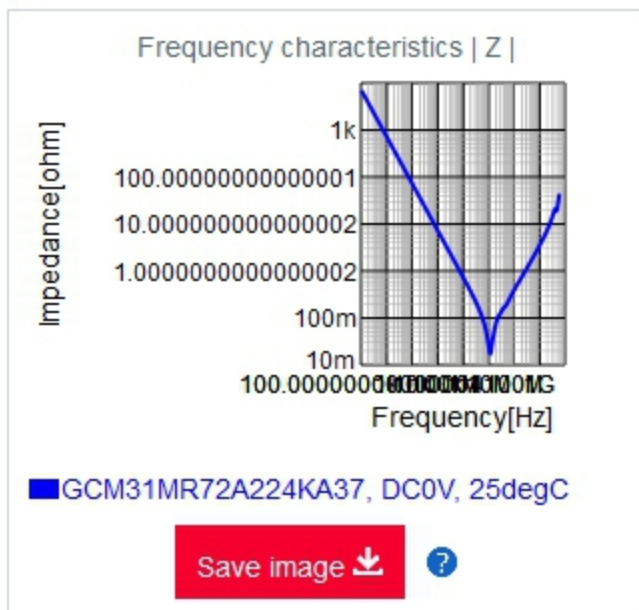
## Reference information

Packaging code	specification	Standard packing quantity
K	330mm embossed taping	10000
L	180mm embossed taping	3000

### Mass (typical value)

1 piece	34.0mg
φ180mm reel	149g

## Characteristic data



(Simsurfing) More detailed graph ?

Product inquiries

Sample inquiry

Inquiry for quotation

Technical inquiry

20pcs free sample

Agency / Web trading company (inventory search)

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How to read the product number >

Series details >

### Detailed information

Detailed spec sheet >

- Rated value
- Performance and test method
- Packaging method
- Caution / Precautions for use (storage / mounting / land dimensions / cleaning / transportation, etc.)

### Product data

SPICE Netlist (mod format) >

Sparameter (S2P format) >

Structural drawing >

Reliability test data \* Representative data >

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European RoHS / REACH compatible  
Compatible with California Proposition 65

We will explain the regulatory laws and regulations regarding chemical substances contained in products and our response to them.