

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

# GCM31CR71A226KE02 #

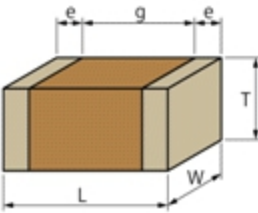
The “#” is the packaging code.



<List of product numbers with packaging code>

GCM31CR71A226KE02K GCM31CR71A226KE02L

## Appearance and shape



## spec

Search for products with similar specifications

L dimension	3.2 ± 0.2 mm
W dimension	1.6 ± 0.2mm
T dimension	1.6 ± 0.2mm
Capacitance	22μF ± 10%
Distance between external electrodes g	1.5mm min.
External electrode dimensions e	0.3-0.8mm
Operating temperature limit	-55℃ ～ 125℃
Rated voltage	10Vdc
Size code mm	3216M
Capacitance change rate	± 15.0%
Temperature characteristics (compliant standard)	X7R (EIA)
Temperature range of temperature characteristics	-55℃ ～ 125℃

### Product Search Assistant

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

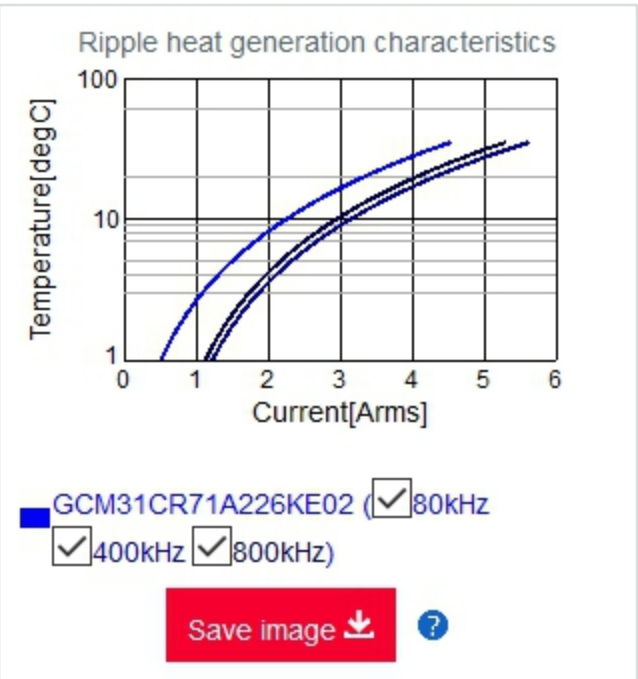
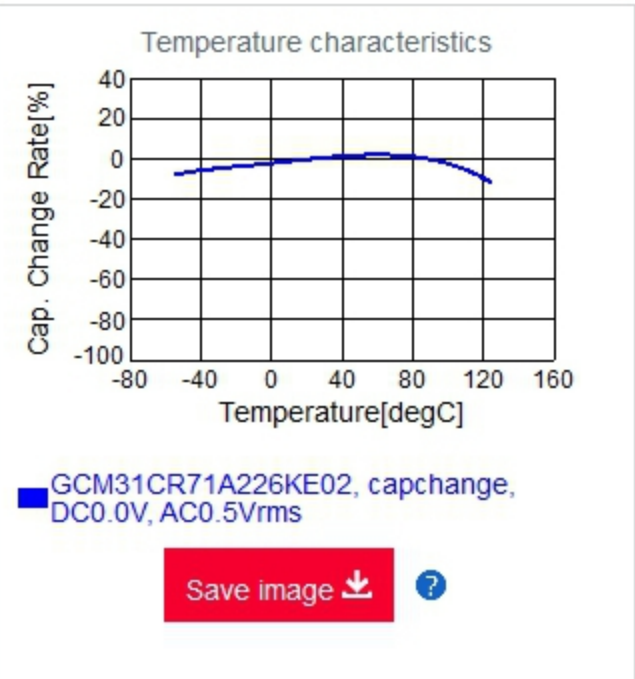
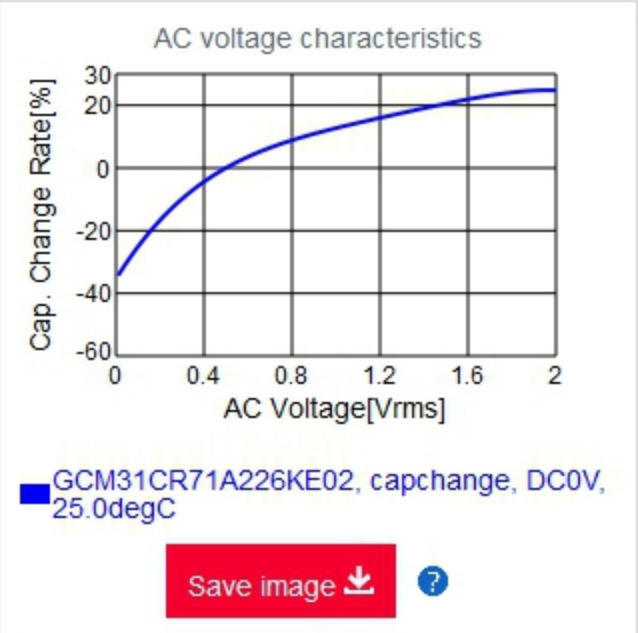
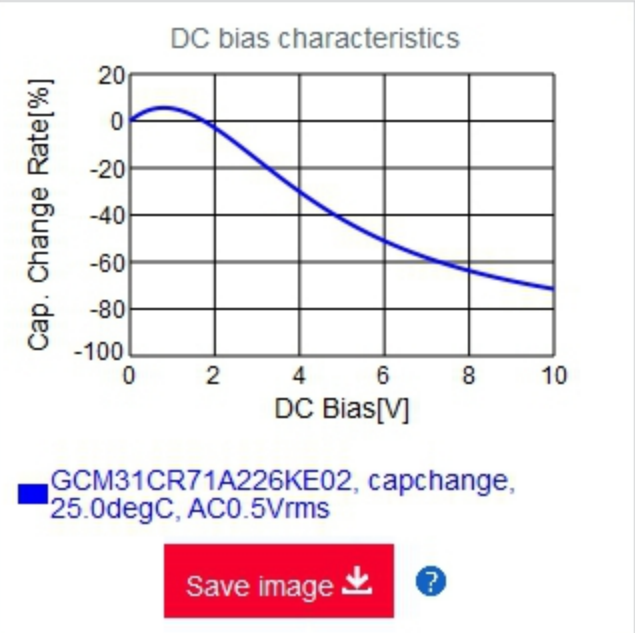
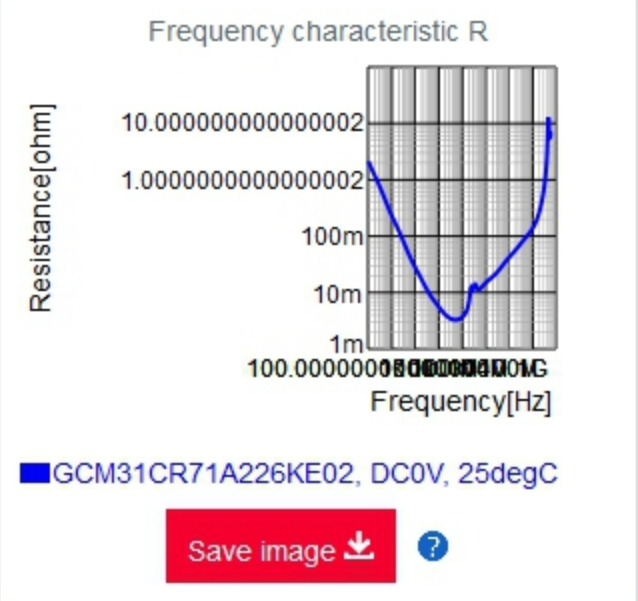
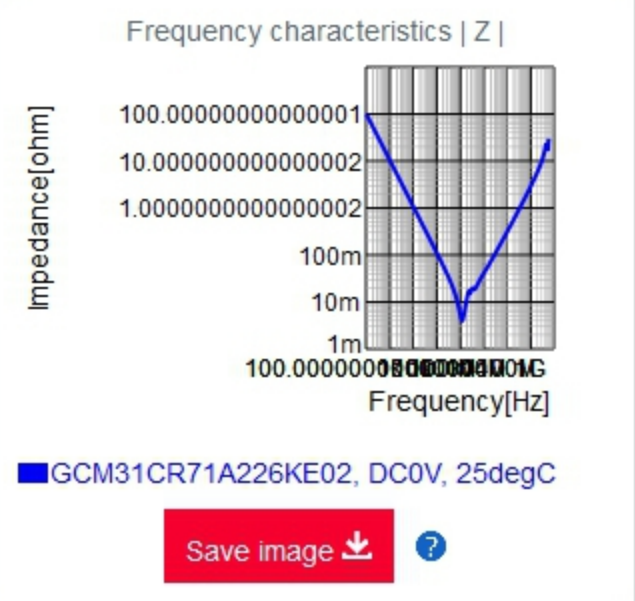
- Small size
- High capacity
- High withstand voltage
- High temperature support
- Emphasis on DC bias characteristics
- Find a silicon capacitor with a similar capacity

## Reference information

Packaging code	specification	Standard packing quantity
K	330mm embossed taping	6000
L	180mm embossed taping	2000

Mass (typical value)	
1 piece	52.0mg
φ180mm reel	144g

## 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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### Product information

Electronic components

solution

Completed equipment / others

### application

### support

FAQ

PDF download

Video library

Main base information

Inventory search

### Product news

Technical article

my Murata

Event

Webinar

Special feature



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.