HOME | Electronic components | Product details

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

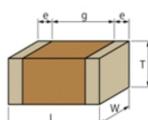# GCM21BC71E475KE36 #   The "#" is the packaging code.

生産中 ❓

パワー
トレイン | AEC-Q200 | RoHS | REACH | 125℃ max

リフロー
OK | 無鉛 | ❓

<List of product numbers with packaging code>
GCM21BC71E475KE36K GCM21BC71E475KE36L

Appearance and shape

spec

Search for products with similar specifications ❓

L dimension	2.0 ± 0.2mm
W dimension	1.25 ± 0.2 mm
T dimension	1.25 ± 0.2 mm
Capacitance	4.7 μF ± 10%
Distance between external electrodes g	0.7mm min.
External electrode dimensions e	0.2-0.7mm
Operating temperature limit	-55 ℃ ～ 125 ℃
Rated voltage	25Vdc
Size code mm	2012M
Capacitance change rate	± 22.0%
Temperature characteristics (compliant standard)	X7S (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.
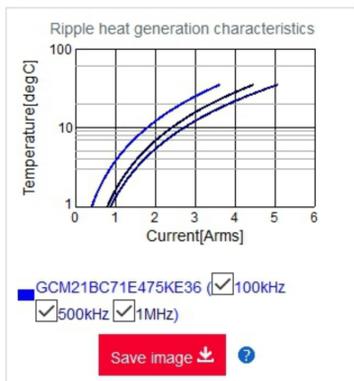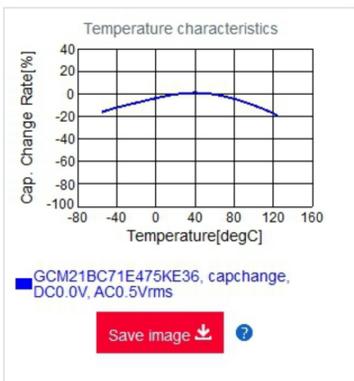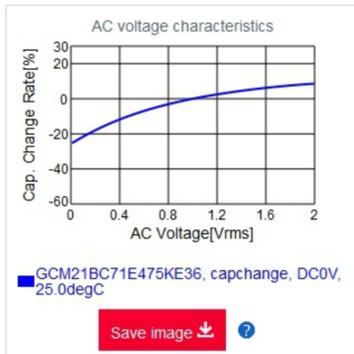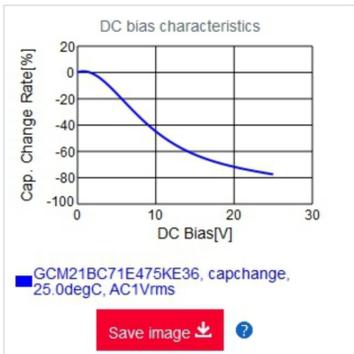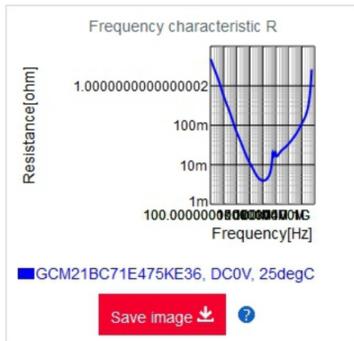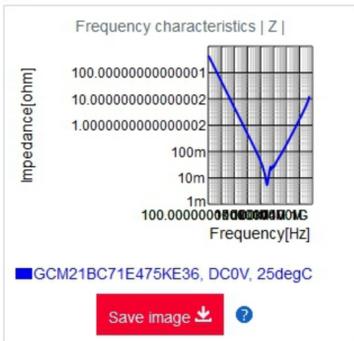
■ Small size ■ High capacity ■ High withstand voltage ■ High temperature support
■ Emphasis on DC bias characteristics
■ Find a silicon capacitor with a similar capacity

Reference information

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

Mass (typical value)	
1 piece	17.0mg
φ180mm reel	102g

Characteristic data

Frequency characteristics | Z |

■ GCM21BC71E475KE36, DC0V, 25degC
Save image ⬇ ❓

Frequency characteristic R

■ GCM21BC71E475KE36, DC0V, 25degC
Save image ⬇ ❓

DC bias characteristics

■ GCM21BC71E475KE36, capchange, 25.0degC, AC1Vrms
Save image ⬇ ❓

AC voltage characteristics

■ GCM21BC71E475KE36, capchange, DC0V, 25.0degC
Save image ⬇ ❓

Temperature characteristics

■ GCM21BC71E475KE36, capchange, DC0.0V, AC0.5Vrms
Save image ⬇ ❓

Ripple heat generation characteristics

■ GCM21BC71E475KE36 ☑100kHz
☑500kHz ☑1MHz)
Save image ⬇ ❓

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

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