

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

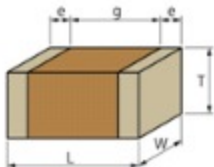
GCM1552C1H101JA01 # The "X" is the packaging code.

生産中

<List of product numbers with packaging code>

**GCM1552C1H101JA01D** GCM1552C1H101JA01J GCM1552C1H101JA01W

## Appearance and shape



## spec

There are small items

Search for products with similar specifications

|                                                  |                 |
|--------------------------------------------------|-----------------|
| L dimension                                      | 1.0 ± 0.05mm    |
| W dimension                                      | 0.5 ± 0.05mm    |
| T dimension                                      | 0.5 ± 0.05mm    |
| Capacitance                                      | 100pF ± 5%      |
| Distance between external electrodes g           | 0.3mm min.      |
| External electrode dimensions e                  | 0.15 to 0.35 mm |
| Operating temperature limit                      | -55 °C ~ 125 °C |
| Rated voltage                                    | 50Vdc           |
| Size code mm                                     | 1005M           |
| Temperature coefficient                          | 0 ± 60ppm / °C  |
| Temperature characteristics (compliant standard) | CH (JIS)        |
| Temperature range of temperature characteristics | 20 °C ~ 125 °C  |

## Product Search Assistant

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

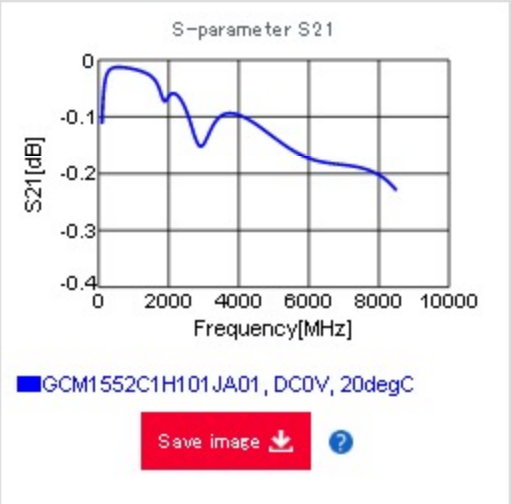
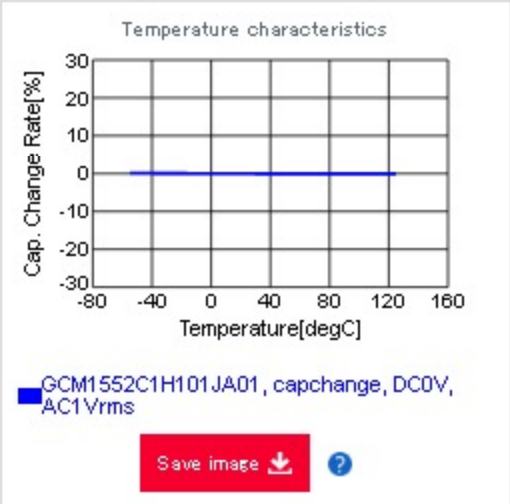
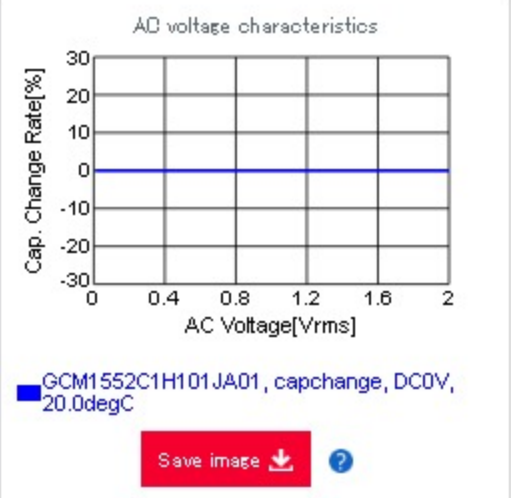
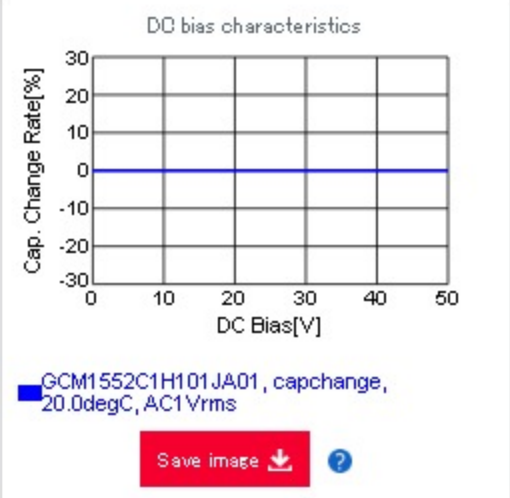
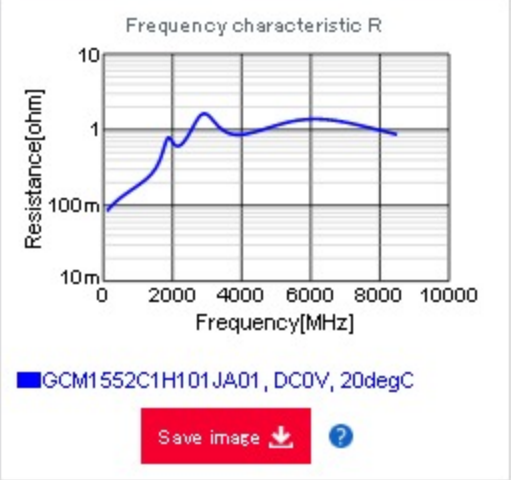
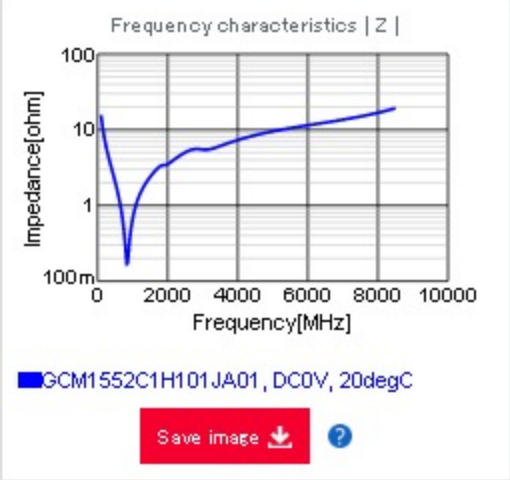
- ☒ Small size   ☒ High capacity   ☒ High withstand voltage  
☒ High temperature support   ☒ Find a silicon capacitor with a similar capacity

## Reference information

| Packaging code | specification           | Standard packing quantity |
|----------------|-------------------------|---------------------------|
| D              | 180mm paper taping      | 10000                     |
| J              | 330mm paper taping      | 50000                     |
| W              | 180mm paper tape (W8P1) | 20000                     |

| Mass (typical value) |       |
|----------------------|-------|
| 1 piece              | 1.6mg |
| φ 180mm reel         | 118g  |

## 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 dimension s / cleaning / transportation, etc.)

### Product data

SPICE Netlist (mod format)

Sparameter (S2P format)

Structural drawing

Reliability test data \* Representative data

### Related information

Proposal of new packaging

SnapEDA

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### Product Information

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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.

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