

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

GCM188R11C334KA01 # The packaging code is entered in " #".



<List of product numbers with packaging code>
GCM188R11C334KA01 J GCM188R11C334KA01 D

Appearance and shape



spec

Search for products with similar specifications

L dimension	1.6 ± 0.1 mm
W dimension	0.8 ± 0.1mm
T dimension	0.8 ± 0.1mm
Capacitance	0.33 μF ± 10%
Distance between external electrodes e	0.5mm min.
External electrode dimensions e	0.2-0.5mm
Operating temperature limit	-55 °C ~ 125 °C
Rated voltage	16Vdc
Size code mm	1608M
Capacitance change rate	± 15.0%
Temperature characteristics (compliant standard)	R (JIS)
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.

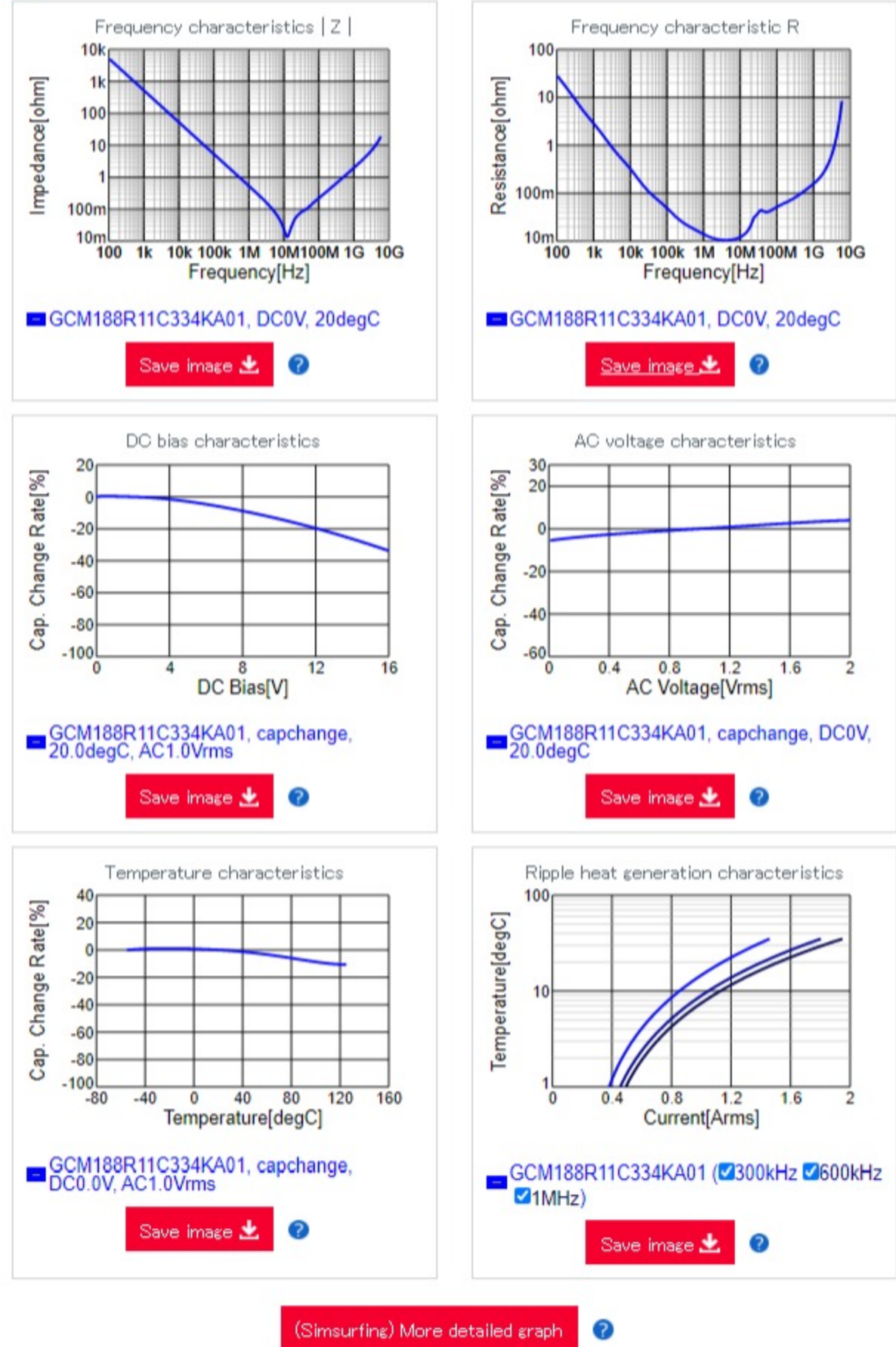
☒ Small size ☒ High capacity ☒ High withstand voltage ☒ High temperature support
☒ Emphasis on DC bias characteristics ☒ Find a silicon capacitor with a similar capacity

Reference information

Packaging code	specification	Standard packing quantity
J	330mm paper taping	10000
D	180mm paper taping	4000

Mass (typical value)	
1 piece	6.3mg
φ 180mm reel	144g

Characteristic data



Product information

Product What's New solution Capacitor (capacitor) Inductor (coil) Noise suppression components / EMI elimination filters / ESD protection devices
Resistor Thermistor (temperature sensor) Sensor Timing device (MEMS oscillator / crystal oscillator / ceramic oscillator / crystal oscillator)
Crystal application products Sounding parts (buzzer) Power related products Battery Micro mechatronics RFID products Matching device Balun
Coupler filter Phase shifter RF switch Front end module SAW component connector antenna Communication module
Wireless connection platform Ionizer module / Ozonizer module Digital panel meter

Application Guide

AI Speaker & Hearable Smart home Medical / Healthcare Car Mobile communication network lighting Data center Industrial equipment
Security & Safety Home appliances computer Office machine AV equipment

Design support tool

Design support software SimSurfing Design support data [Design support software download version](#) List of design support tools and compatible products

support

Technical article site Recruitment of co-creation partners Main base information FAQ Library Reference Design
Compliant with chemical substance regulations for our products Inventory search Security export control and non-judgment results
Precautions for counterfeit Murata products Precautions regarding radio-controlled helicopters Precautions regarding Murata lithium-ion battery cells

About Murata

Corporate information Murata's robot Newsroom Technology Procurement activities CSR Initiatives To Murata Group employees and retirees
Murata Academic Promotion Foundation

Investor information

IR calendar IR library Financial and performance information (past 5 years) To individual investors General meeting of shareholders Stock information
Stock paperwork Disclosure policy Electronic public notice

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. [view the details](#)

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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.)


PCB Symbol, Footprint, 3D Model


PCB Symbol, Footprint, 3D Model

Product data

SPICE Netlist (mod format)

Sparameter (S2P format)

Structural drawing

Reliability test data * Representative data