

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

## GCM188C71A225KE01 # The "X" is the packaging code.

生産中 ?

<List of product numbers with packaging code>  
**GCM188C71A225KE01D** GCM188C71A225KE01J

### Appearance and shape



### Spec

Search for products with similar specifications ?

L dimension	1.6 ± 0.1 mm
W dimension	0.8 ± 0.1 mm
T dimension	0.8 ± 0.1 mm
Capacitance	2.2 μF ± 10%
Distance between external electrodes g	0.5mm min.
External electrode dimensions e	0.2-0.5mm
Operating temperature limit	-55 °C ~ 125 °C
Rated voltage	10Vdc
Size code mm	1608M
Capacitance change rate	± 22.0%
Temperature characteristics (compliant standard)	X7S (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.

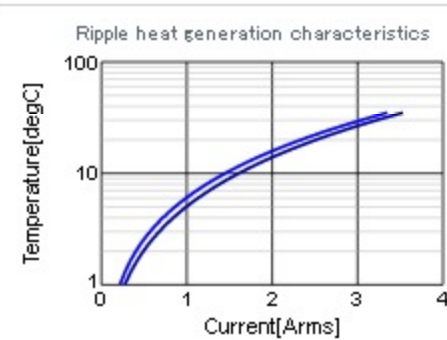
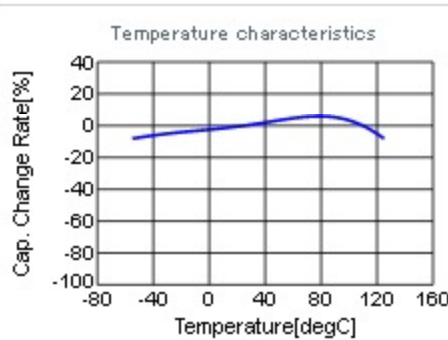
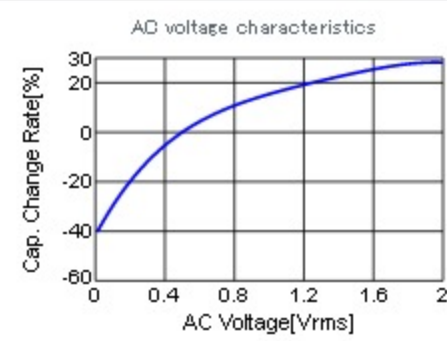
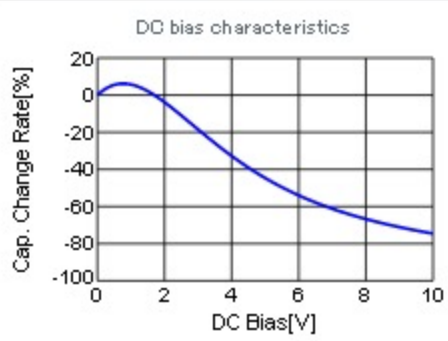
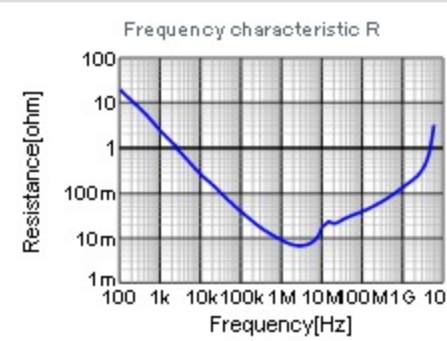
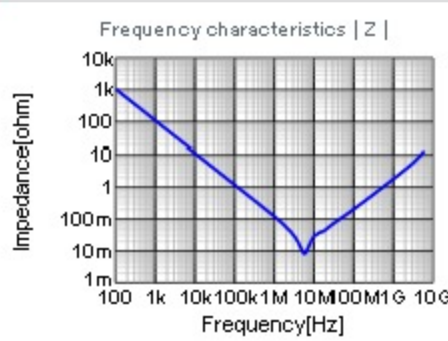
- Small size
- High capacity
- High withstand voltage
- High temperature support
- Emphasis on DC bias characteristics
- Find a silicon capacitor with a similar capacity

### Reference information

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

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

### Characteristic data



(Simulating) More detailed graph ?

- Product inquiries
- Sample inquiry
- Inquiry for quotation
- Technical inquiry
- 20pcs free sample
- Agency / Web trading company (inventory search)
- Download this page as PDF

- 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.

