

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

GCM188R71E474KA49 # The "x" is the packaging code.

生産中 [?](#)

[RoHS](#) [REACH](#) [125°C max](#) [UV2-OK](#) [75-OK](#)

<List of product numbers with packaging code>
GCM188R71E474KA49D GCM188R71E474KA49J

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	0.47 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	25Vdc
Size code mm	1608M
Capacitance change rate	± 15.0%
Temperature characteristics (compliant standard)	X7R (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

Frequency characteristics |Z|

Save image [?](#)

Frequency characteristic R

Save image [?](#)

DC bias characteristics

Save image [?](#)

AC voltage characteristics

Save image [?](#)

Temperature characteristics

Save image [?](#)

Ripple heat generation characteristics

Save image [?](#)

(Simulating) 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) [>](#)

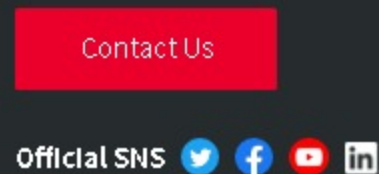
Sparameter (S2P format) [>](#)

Structural drawing [>](#)

Reliability test data * Representative data [>](#)

CAD Models

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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.

