



Product category

The product details of Murata's capacitor, GCM188R11C474KA40 #.

Search by part number | Search by specification | Search from the lineup

home > Product information > Capacitor (capacitor) > Ceramic capacitor (capacitor) > Product details



Automotive chip laminated ceramic capacitor

▶ Be sure to read this before using the product   ▶ Notes on counterfeit goods

# GCM 188 R 11 C 474 K A 40 #

"#" Contains the packaging code.

生産中 ?

パワー  
トレイン

125  
°C max.

リフロー  
OK

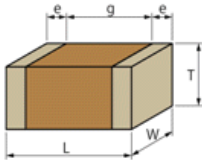
72-OK

RoHS

REACH ?

<Packing code available product number list>  
GCM188R11C474KA40D, GCM188R11C474KA40J

## shape



|                                        |               |
|----------------------------------------|---------------|
| L dimension                            | 1.6 ± 0.1 mm  |
| W dimension                            | 0.8 ± 0.1 mm  |
| T dimension                            | 0.8 ± 0.1 mm  |
| External electrode dimensions e        | 0.2 to 0.5 mm |
| Distance between external electrodes g | 0.5 mm min.   |
| Size code mm                           | 1608 M        |

## spec

|                                                 |                |
|-------------------------------------------------|----------------|
| Capacitance                                     | 0.47 μF ± 10%  |
| Rated voltage                                   | 16 Vdc         |
| Temperature characteristic (compliant standard) | R (JIS)        |
| Capacitance change rate                         | ± 15.0%        |
| Temperature range of temperature characteristic | -55 to 125 ° C |
| Operating temperature limit                     | -55 to 125 ° C |

Agency / Web trading company  
(stock search) ✖

PDF Catalog

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How to read the part number >

Series Details >

### specification

Detailed Spec Sheet >  
- Rated Value  
- Performance and Testing Method  
- Packaging Method  
- Caution - Caution on Use  
(Storage / Implementation / Land  
Size - Cleaning / Transport, etc.)

### Product data

SPICE Netlist (mod format) >  
Sparameter (S2P format) >  
Structural drawing >  
Reliability test data \* Representative >  
data



Product search assistant (β version)

We propose candidate products of the same size or small size and close specifications

Small size



High capacity



High withstand voltage



High temperature response



DC bias characteristic emphasis



Reference information

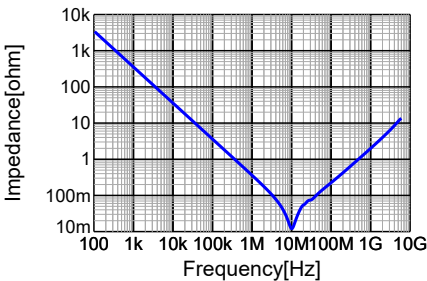
| Packaging code | specification       | Minimum order unit |
|----------------|---------------------|--------------------|
| D              | φ 180 mm paper tape | 4000               |
| J              | φ 330 mm paper tape | 10000              |

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



Characteristic data graph

Frequency characteristics | Z |

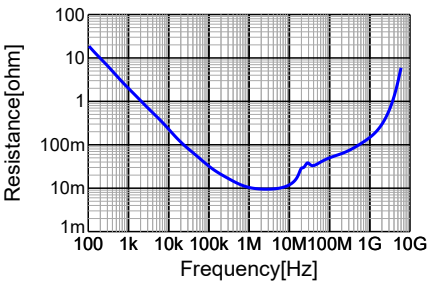


GCM188R11C474KA40,DC0V,20degC



詳細設定

Frequency response R

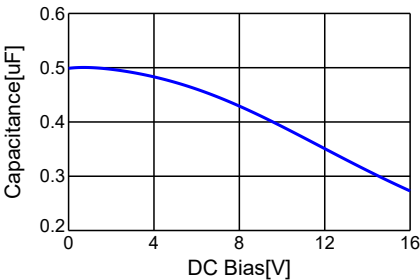


GCM188R11C474KA40,DC0V,20degC



詳細設定

DC bias characteristics

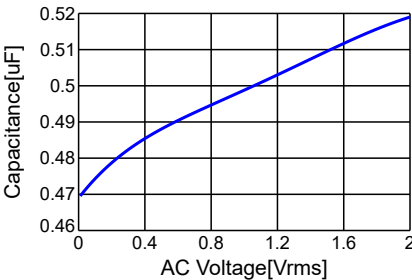


GCM188R11C474KA40,capacitance, 20.0degC, AC1.0Vrms



詳細設定

AC voltage characteristic



GCM188R11C474KA40,capacitance, DC0V, 20.0degC



詳細設定

