

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

GCM155R11H103KA40 #

"#" Contains the packaging code.

生産中 ?

パワー
トレイン

125
°C max.

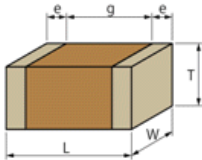
リフロー
OK

RoHS

REACH ?

<Packing code available product number list>
GCM155R11H103KA40D, GCM155R11H103KA40W, GCM155R11H103KA40J

shape



L dimension	1.0 ± 0.05 mm
W dimension	0.5 ± 0.05 mm
T dimension	0.5 ± 0.05 mm
External electrode dimensions e	0.15 to 0.35 mm
Distance between external electrodes g	0.3 mm min.
Size code mm	1005M

spec

Capacitance	10000 pF ± 10%
Rated voltage	50 V dc
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

Download this page PDF 

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

Related information

Proposal for new packaging >



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	10000
J	φ 330 mm paper tape	50000
W	φ 180 mm paper tape (W 8 P 1 *) 8 * Width: 8 mm, pocket pitch: 1 mm	20000

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

Characteristic data graph

Frequency characteristics | Z |

■GCM155R11H103KA40, DC 0 V, 20 degC

画像保存

CSV

詳細設定

Frequency response R

■GCM155R11H103KA40, DC 0 V, 20 degC

画像保存

CSV

詳細設定

DC bias characteristics

■GCM 155 R 11 H 103 KA 40, capacitance, 20.0 deg C, AC 1.0 V rms

AC voltage characteristic

■GCM 155 R 11 H 103 KA 40, capacitance, DC 0 V, 20.0 deg C

