

# GCG155R71H182KA01#

“#” indicates a package specification code.

In Production

Powertrain

AEC-Q200

RoHS

REACH

125°C max.

Deflecting crack

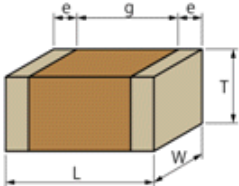
Soldering crack

Limited to conductive glue mounting

< List of part numbers with package codes >  
GCG155R71H182KA01J GCG155R71H182KA01W GCG155R71H182KA01D

## Appearance & Shape

## References



Packaging	Specifications	Minimum Order Quantity
J	330mm Paper Tape	50000
W	180mm Paper Tape (W8P1)	20000
D	180mm Paper Tape	10000

Mass (typ.)	
1 piece	1.6mg
φ180mm Reel	118g

## Notices

Limited to Conductive Glue Mounting

**Attention**  
1.This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.  
2.This datasheet has only typical specifications because there is no space for detailed specifications.  
Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

# GCG155R71H182KA01#

“#” indicates a package specification code.

## Specifications

Length	1.0±0.1mm
Width	0.5±0.05mm
Thickness	0.5±0.05mm
Capacitance	1800pF ±10%
Distance between external terminals g	0.3mm min.
External terminal size e	0.15 to 0.35mm
Operating Temperature Range	-55°C to 125°C
Rated Voltage	50Vdc
Size code in inch(mm)	0402 (1005M)
Capacitance change rate	±15.0%
Temperature characteristics (complied standard)	X7R(EIA)
Temperature range of temperature characteristics	-55°C to 125°C

**Attention**  
1.This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.  
2.This datasheet has only typical specifications because there is no space for detailed specifications.  
Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.