

# GCM188R71E683KA57#

“#” indicates a package specification code.



< List of part numbers with package codes >

GCM188R71E683KA57D                      GCM188R71E683KA57J

## Appearance & Shape



## References

Packaging	Specifications	Standard Packing Quantity
D	180mm Paper Tape	4000
J	330mm Paper Tape	10000

Mass (typ.)	
1 piece	6.3mg
φ180mm Reel	144g

### 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.

# GCM188R71E683KA57#

“#” indicates a package specification code.



## Specifications

Length	1.6±0.1mm
Width	0.8±0.1mm
Thickness	0.8±0.1mm
Capacitance	68000pF ±10%
Distance between external terminals g	0.5mm min.
External terminal size e	0.2 to 0.5mm
Operating Temperature Range	-55°C to 125°C
Rated Voltage	25Vdc
Size code in inch(mm)	0603 (1608M)
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.

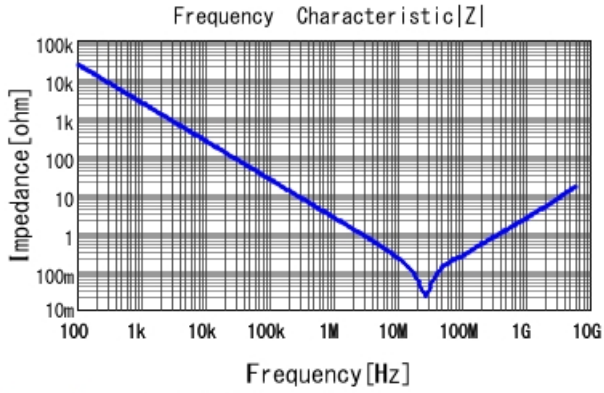
# GCM188R71E683KA57#

“#” indicates a package specification code.

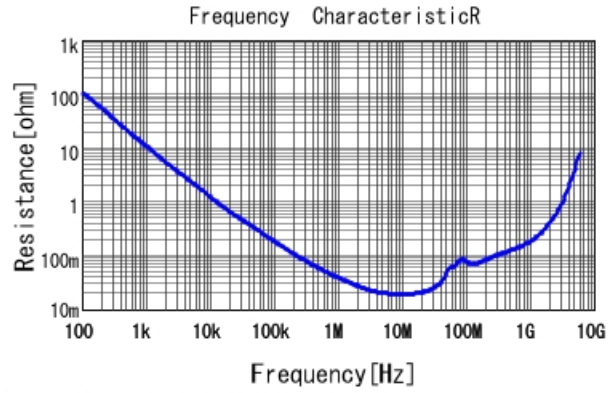


## Characteristic Data

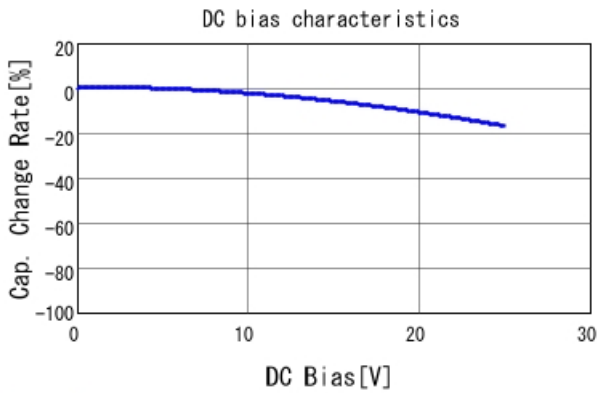
The charts below may show another part number which shares its characteristics.



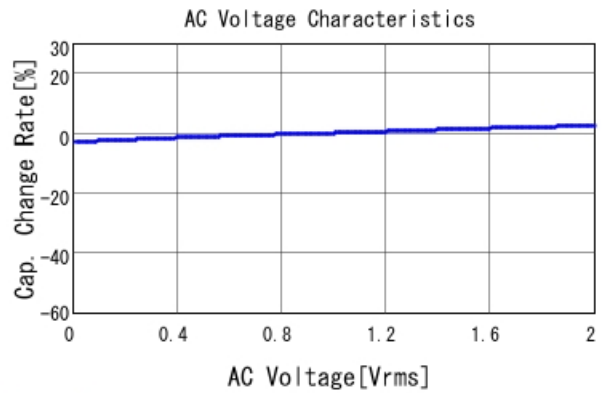
GCM188R71E683KA57 |Z| DCOV, 25degC



GCM188R71E683KA57 R DCOV, 25degC



GCM188R71E683KA57 C-DC bias capchange, 25.0degC, A



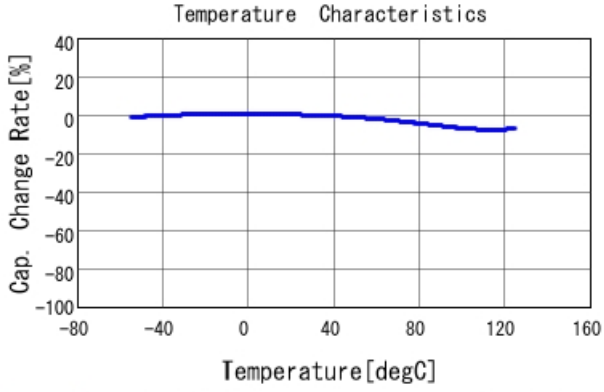
GCM188R71E683KA57 C-AC Voltage capchange, DCOV, 25

**Attention**

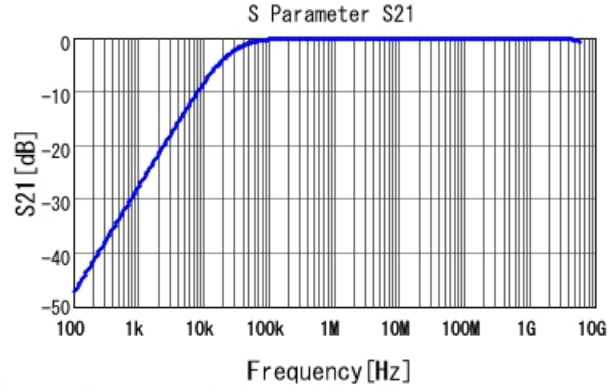
- 1.This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.
- 2.This datasheet 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.

# GCM188R71E683KA57#

“#” indicates a package specification code.



GCM188R71E683KA57 C-Temp. capchange, DC0.0V, AC1.C



GCM188R71E683KA57 S21 DC0V, 25degC

**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.