

# GRM155C81A225KE44#

“#” indicates a package specification code.



< List of part numbers with package codes >

GRM155C81A225KE44D      GRM155C81A225KE44J

## Appearance & Shape



## References

Packaging	Specifications	Standard Packing Quantity
D	180mm Paper Tape	10000
J	330mm Paper Tape	40000

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

## Notices

Derating1

### 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.

# GRM155C81A225KE44#

“#” indicates a package specification code.



## Specifications

Length	1.0±0.1mm
Width	0.5±0.1mm
Thickness	0.5±0.1mm
Capacitance	2.2μF ±10%
Distance between external terminals g	0.3mm min.
External terminal size e	0.15 to 0.35mm
Operating Temperature Range	-55°C to 105°C
Rated Voltage	10Vdc
Size code in inch(mm)	0402 (1005M)
Capacitance change rate	±22.0%
Temperature characteristics (complied standard)	X6S(EIA)
Temperature range of temperature characteristics	-55°C to 105°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.

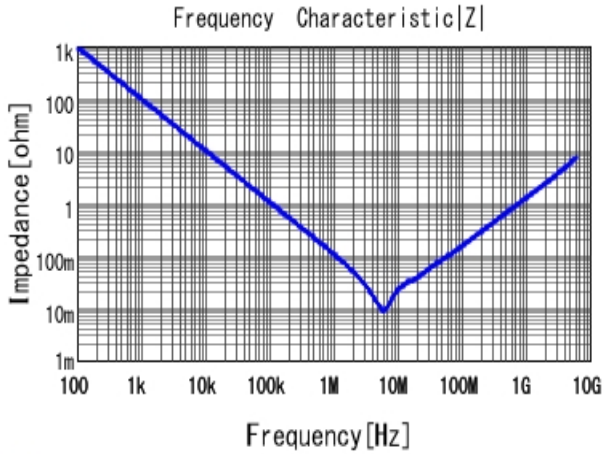
# GRM155C81A225KE44#

“#” indicates a package specification code.

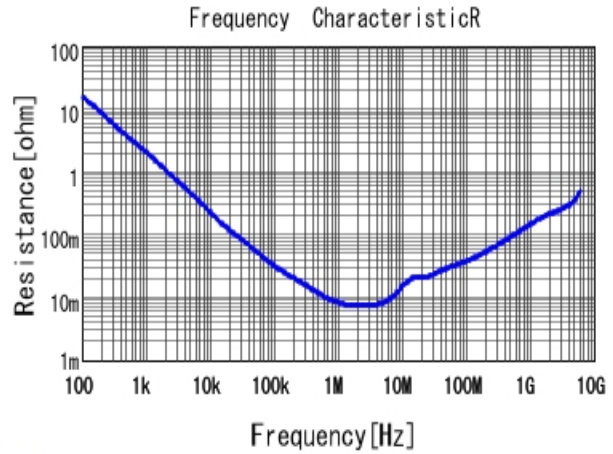


## Characteristic Data

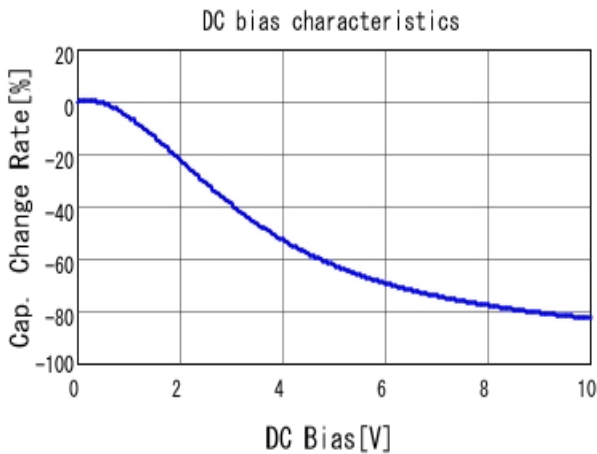
The charts below may show another part number which shares its characteristics.



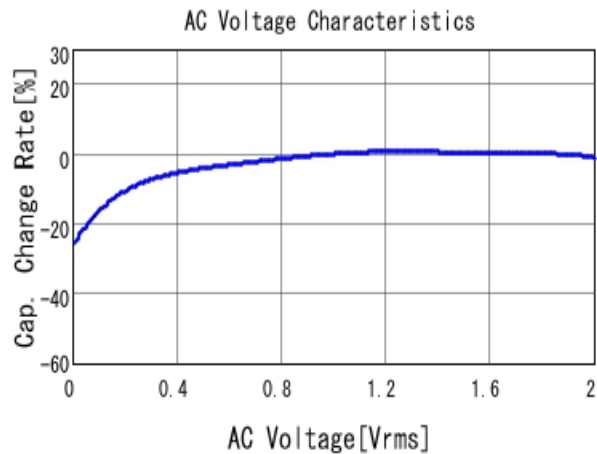
■ GRM155C81A225KE44 |Z| DCOV, 25degC



■ GRM155C81A225KE44 R DCOV, 25degC



■ GRM155C81A225KE44 C-DC bias capchange, 25.0degC, AC1V



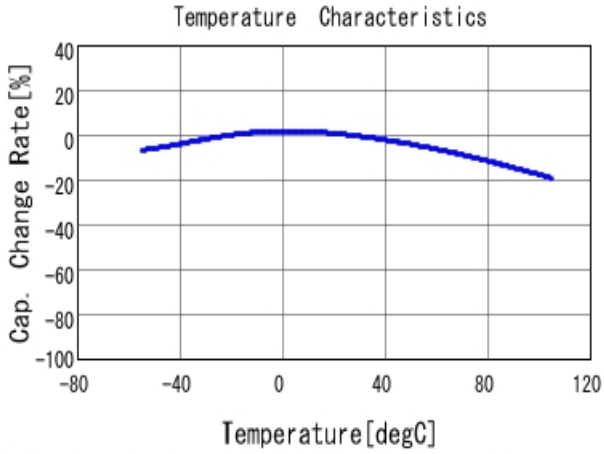
■ GRM155C81A225KE44 C-AC Voltage capchange, DCOV, 25.0d

**Attention**

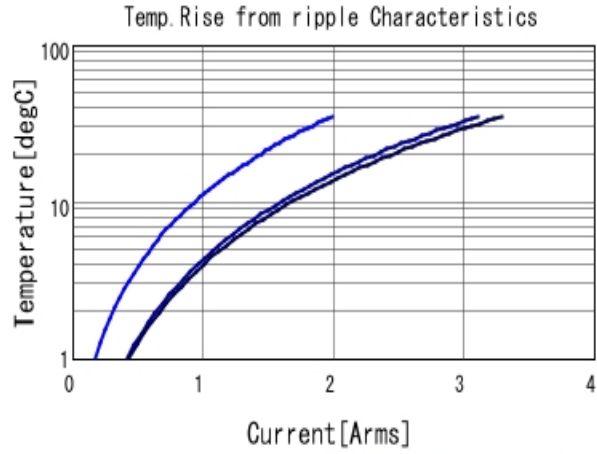
- 1.This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.
- 2.This datasheet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

# GRM155C81A225KE44#

“#” indicates a package specification code.



■ GRM155C81A225KE44 C-Temp. capchange, DCO. 0V, ACO. 2V<sub>rm</sub>



GRM155C81A225KE44 Temp. rise ■ 100kHz ■ 500kHz ■ 1MHz

**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.