

# GRM011R60J223KE01#

“#” at the end indicates the package specification code.

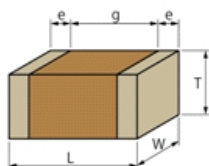


< List of part numbers with package codes >  
GRM011R60J223KE01L

## Applications

Unsuitable Applications	Please be sure to read and comply with these "Precautions for use."
Specific Applications	Mobile Electronics Please refer to Our Website and specifications, etc. for information about the performance, functions, quality, management, and safety required for the above applications, and use Products after confirming the performance and reliability of the actual Product.

## Appearance & Shape



## Notices

Derating1. Only for mobile devices

## References

Packaging	Specifications	Standard Packing Quantity
L	180 Embossed Tape	50000

Mass (typ.)	
1 piece	0.016mg

### Attention

1. This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, its 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.

# GRM011R60J223KE01#

“#” at the end indicates the package specification code.



## Specifications

Length	0.25±0.013mm
Width	0.125±0.013mm
Thickness	0.125±0.013mm
Capacitance	22000pF ±10%
Distance between external terminals g	0.05mm min.
External terminal size e	0.05 to 0.1mm
Operating Temperature Range	-55°C to 85°C
Rated Voltage	6.3Vdc
Size code in inch(mm)	008004 (0201M)
Capacitance change rate	±15.0%
Temperature characteristics (complied standard)	X5R(EIA)
Temperature range of temperature characteristics	-55°C to 85°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.

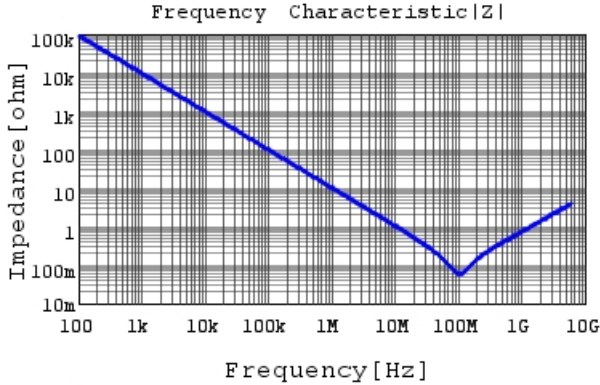
# GRM011R60J223KE01#

“#” at the end indicates the package specification code.

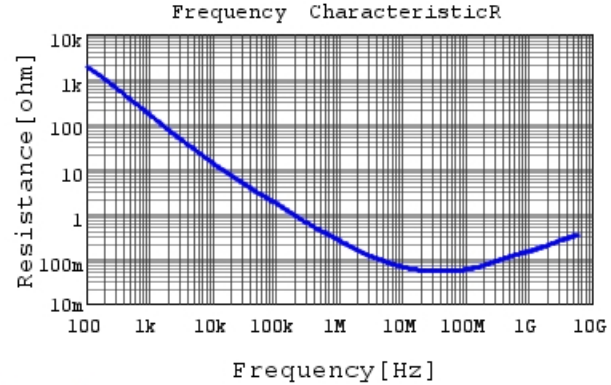


## Characteristic Data

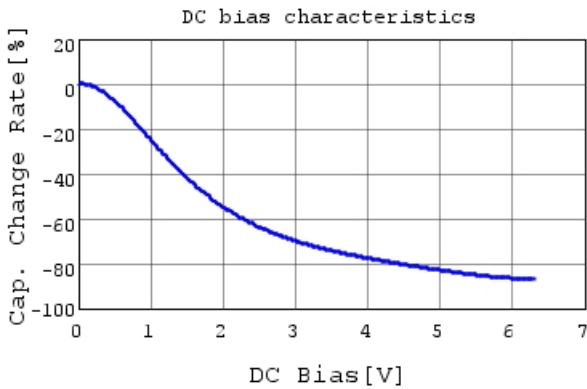
The charts below may show another part number which shares its characteristics.



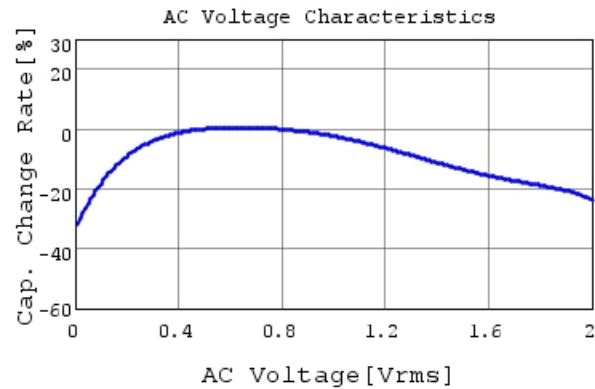
GRM011R60J223KE01 |Z| DCOV,25degC



GRM011R60J223KE01 R DCOV,25degC



GRM011R60J223KE01 C-DC bias capchange, 25.0C



GRM011R60J223KE01 C-AC Voltage capchange, Dc

### Attention

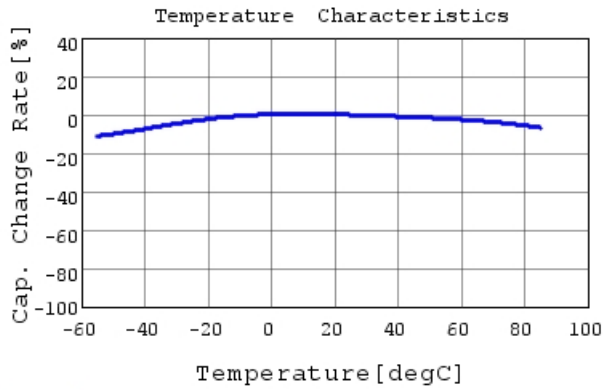
1.This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.

2.This datasheet has only typical specifications because there is no space for detailed specifications.

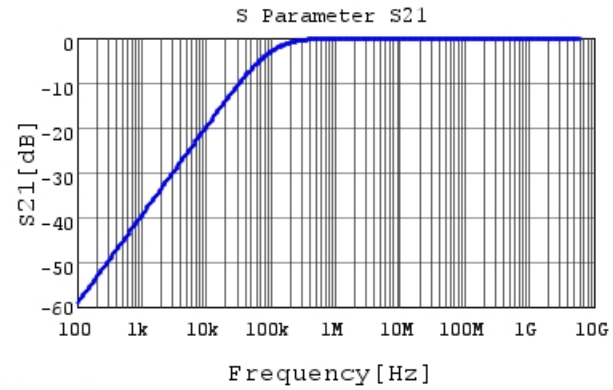
Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

# GRM011R60J223KE01#

“#” at the end indicates the package specification code.



GRM011R60J223KE01 C-Temp. capchange, DC0.0V,



GRM011R60J223KE01 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.