

# GRM022R60J332KE19#

"#" indicates a package specification code.

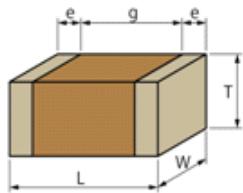


< List of part numbers with package codes >

GRM022R60J332KE19L



## Appearance & Shape



## References

Packaging	Specifications	Minimum Order Quantity
L	180Embossed Tape	40000

Mass (typ.)	
1 piece	0.09mg
φ180mm Reel	198g

### 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.

# GRM022R60J332KE19#

"#" indicates a package specification code.

## Specifications

Length	0.4±0.02mm
Width	0.2±0.02mm
Thickness	0.2±0.02mm
Capacitance	3300pF ±10%
Distance between external terminals g	0.13mm min.
External terminal size e	0.07 to 0.14mm
Operating Temperature Range	-55°C to 85°C
Rated Voltage	6.3Vdc
Size code in inch(mm)	01005 (0402M)
Capacitance change rate	±15.0%
Temperature characteristics (complied standard)	X5R(EIA)
Temperature range of temperature characteristics	-55°C to 85°C

2 of 4

### 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.

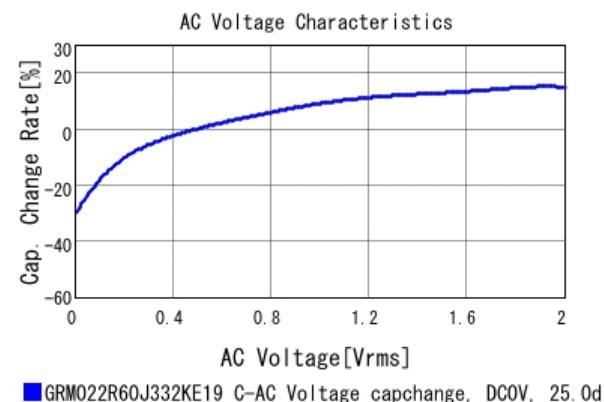
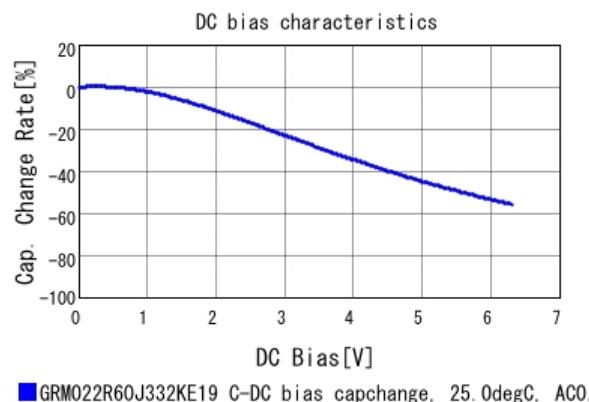
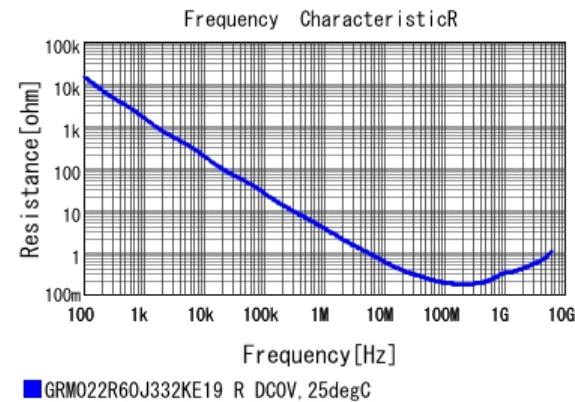
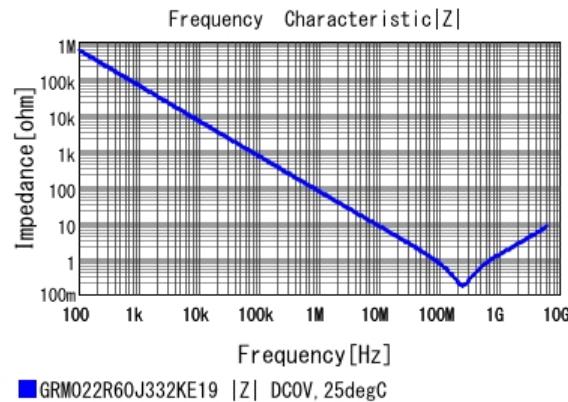
## GRM022R60J332KE19#

Note: This datasheet may be out of date.  
 Please download the latest datasheet of GRM022R60J332KE19# from the official website of Murata Manufacturing Co., Ltd.  
<http://www.murata.com/en-US/products/productdetail?partno=GRM022R60J332KE19%23>

"#" indicates a package specification code.


**Characteristic Data**

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

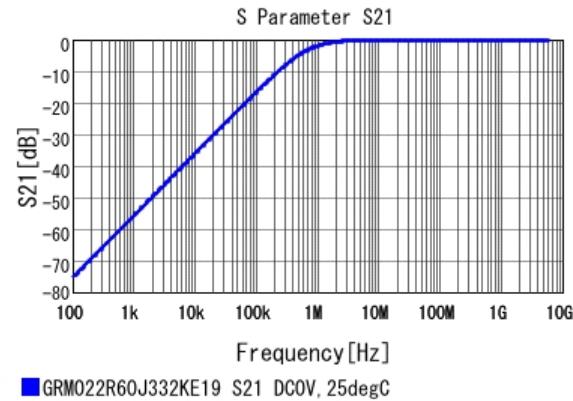
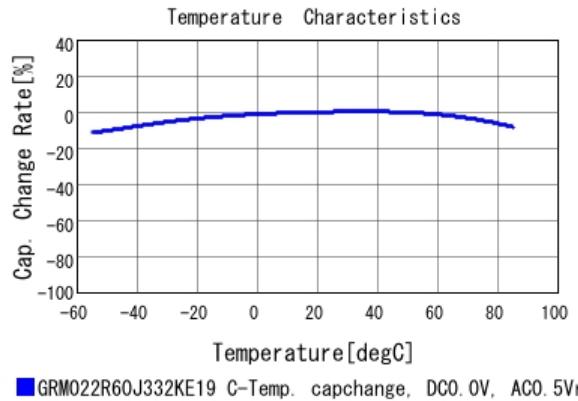
**Attention**

- 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.
- 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.

# GRM022R60J332KE19#

"#" indicates a package specification code.

**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.

4 of 4