

# GRM033R60J225ME47#

“#” indicates a package specification code.



## < List of part numbers with package codes >

GRM033R60J225ME47D

GRM033R60J225ME47W

GRM033R60J225ME47J

## Appearance & Shape



## References

| Packaging | Specifications          | Standard Packing Quantity |
|-----------|-------------------------|---------------------------|
| D         | 180mm Paper Tape        | 15000                     |
| W         | 180mm Paper Tape (W8P1) | 30000                     |
| J         | 330mm Paper Tape        | 50000                     |

| Mass (typ.) |        |
|-------------|--------|
| 1 piece     | 0.33mg |
| φ180mm Reel | 118g   |

## Notices

Only for mobile devices

### 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.

# GRM033R60J225ME47#

“#” indicates a package specification code.

## Specifications

|  |               |
|--|---------------|
| Length   | 0.6±0.09mm    |
| Width  | 0.3±0.09mm    |
| Thickness  | 0.3±0.09mm    |
| Capacitance                                      | 2.2µF ±20%    |
| Distance between external terminals g            | 0.2mm min.    |
| External terminal size e                         | 0.1 to 0.25mm |
| Operating Temperature Range                      | -55°C to 85°C |
| Rated Voltage                                    | 6.3Vdc        |
| Size code in inch(mm)                            | 0201 (0603M)  |
| 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.

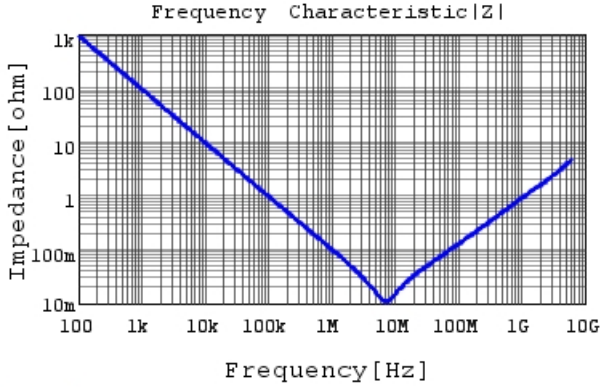
# GRM033R60J225ME47#

"#" indicates a package specification code.

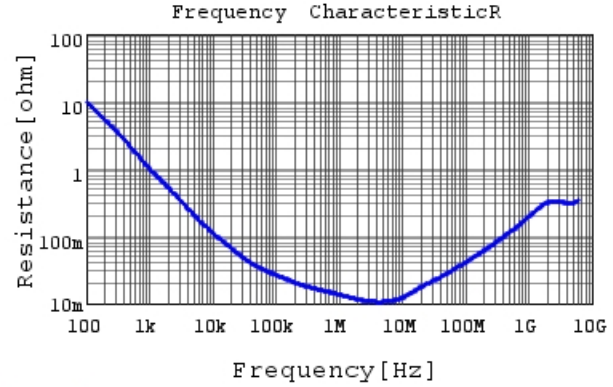


## Characteristic Data

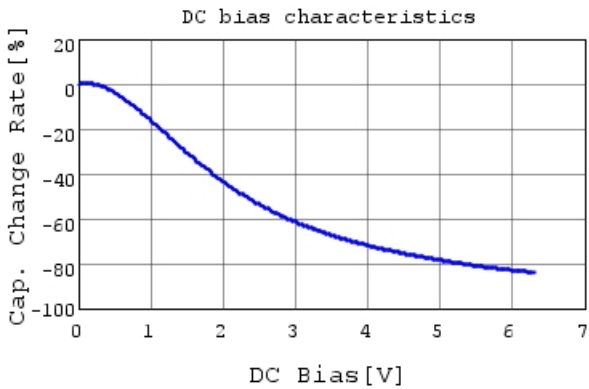
The charts below may show another part number which shares its characteristics.



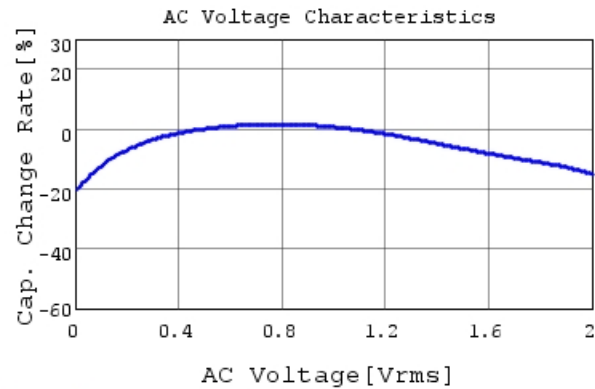
GRM033R60J225ME47 |Z| DC0V, 25degC



GRM033R60J225ME47 R DC0V, 25degC



GRM033R60J225ME47 C-DC bias capchange, 25.0c



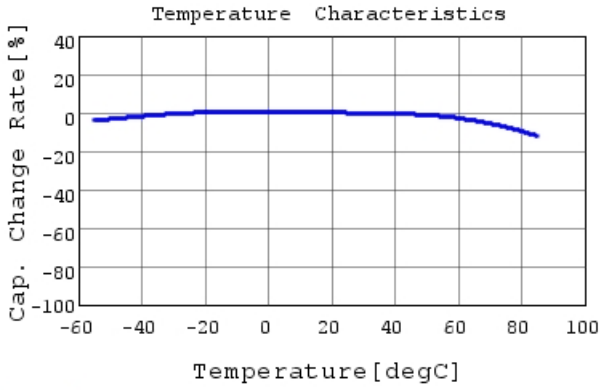
GRM033R60J225ME47 C-AC Voltage capchange, DC

**Attention**

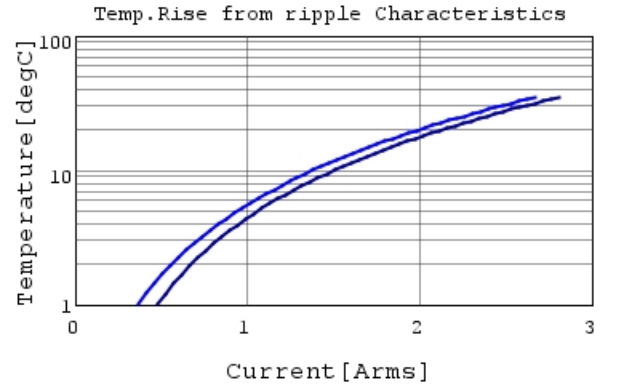
- 1.This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.
- 2.This datasheet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

# GRM033R60J225ME47#

“#” indicates a package specification code.



GRM033R60J225ME47 C-Temp. capchange, DC0.0V,



GRM033R60J225ME47 Temp.rise — 500kHz

**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.