

# GRM033R60G225ME47#

“#” indicates a package specification code.



## < List of part numbers with package codes >

GRM033R60G225ME47D

GRM033R60G225ME47W

GRM033R60G225ME47J

## 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

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- 2.This datasheet has only typical specifications because there is no space for detailed specifications.  
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## 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	4Vdc
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

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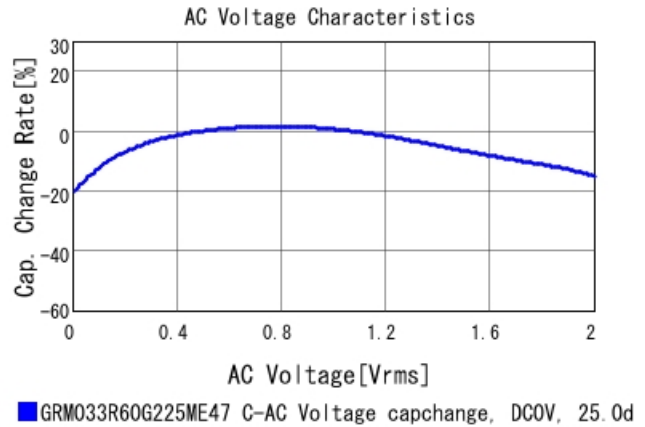
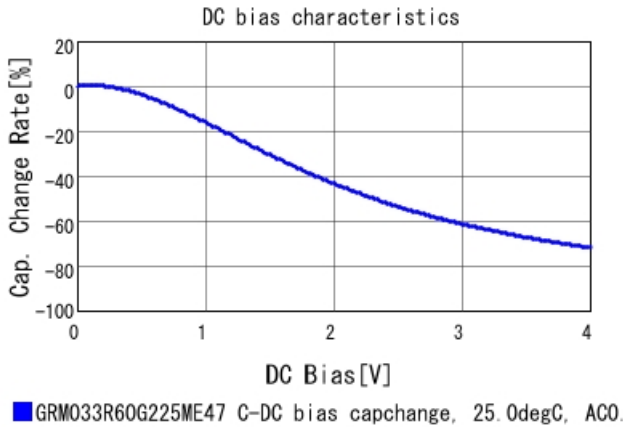
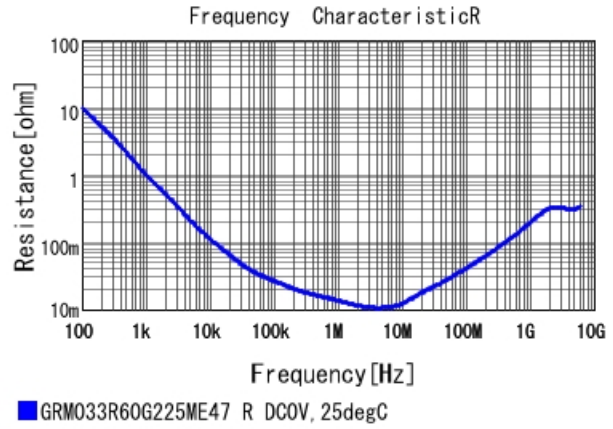
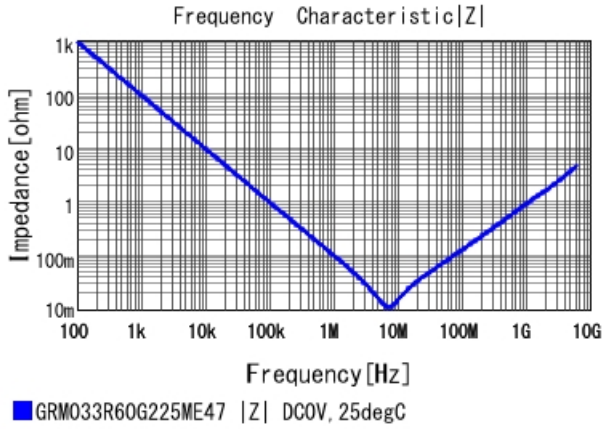
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## Characteristic Data

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

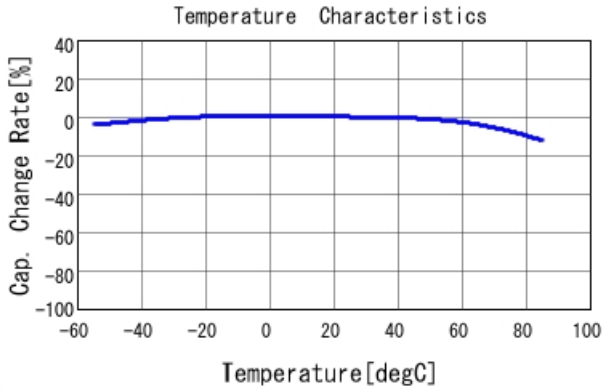


**Attention**

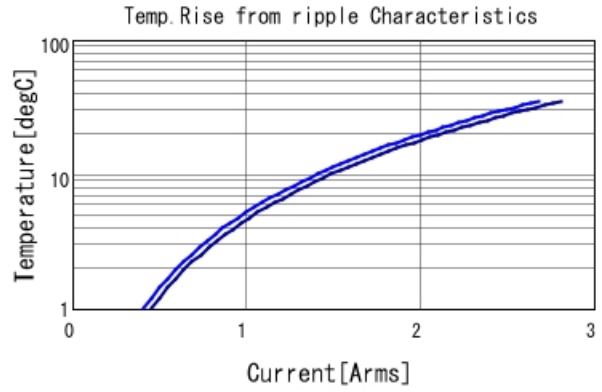
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■ GRM033R60G225ME47 C-Temp. capchange, DCO. 0V, ACO. 2Vrm



GRM033R60G225ME47 Temp. rise ■ 500kHz ■ 1MHz

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