

# GRM033R61C103MA12#

“#” indicates a package specification code.



< List of part numbers with package codes >

GRM033R61C103MA12D

GRM033R61C103MA12W

GRM033R61C103MA12J

## 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

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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±0.03mm
Width	0.3±0.03mm
Thickness	0.3±0.03mm
Capacitance	10000pF ±20%
Distance between external terminals g	0.2mm min.
External terminal size e	0.1 to 0.2mm
Operating Temperature Range	-55°C to 85°C
Rated Voltage	16Vdc
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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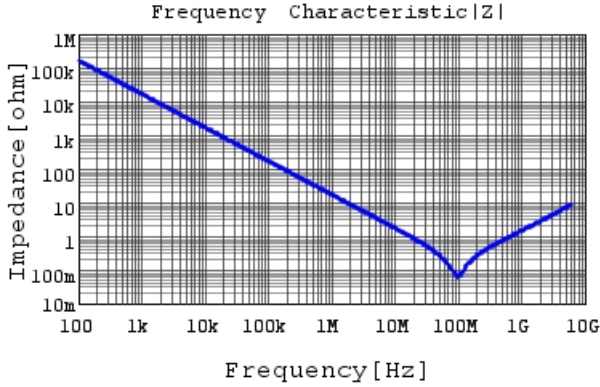
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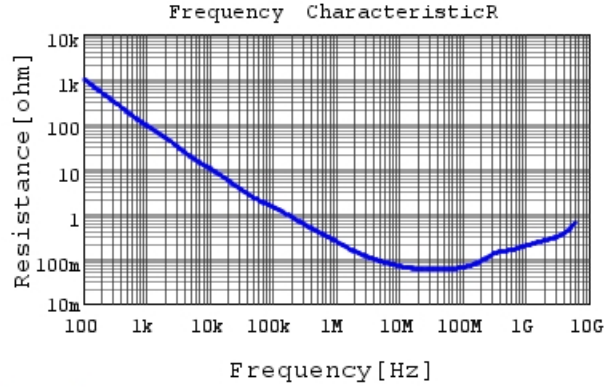


## Characteristic Data

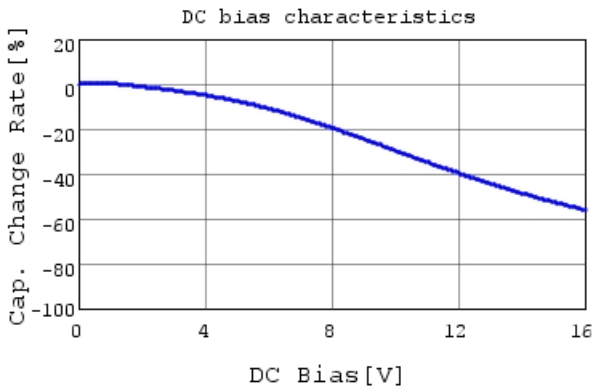
The charts below may show another part number which shares its characteristics.



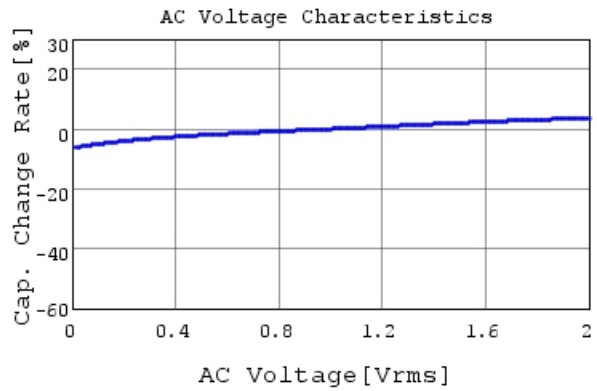
GRM033R61C103MA12 |Z| DCOV, 25degC



GRM033R61C103MA12 R DCOV, 25degC



GRM033R61C103MA12 C-DC bias capchange, 25.0c



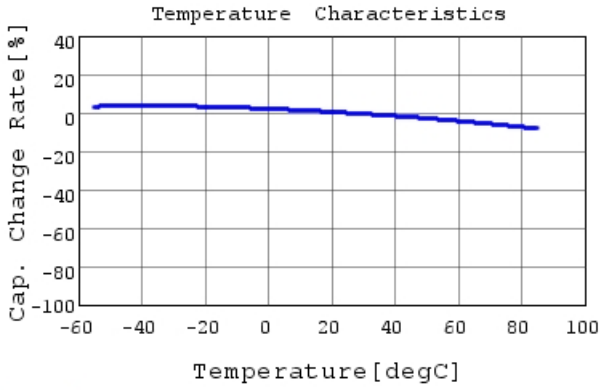
GRM033R61C103MA12 C-AC Voltage capchange, Dc

**Attention**

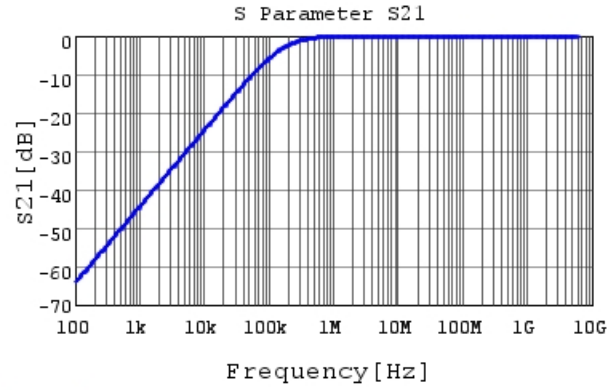
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GRM033R61C103MA12 C-Temp. capchange, DC0.0V,



GRM033R61C103MA12 S21 DC0V,25degC

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