

# GRM185R61E105KA12#

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



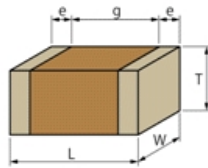
< List of part numbers with package codes >

GRM185R61E105KA12D      GRM185R61E105KA12J

## Applications

Unsuitable Applications	Please be sure to read and comply with these "Precautions for use."
Specific Applications	Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTE A/B/C] except for implant equipment, Automotive infotainment/comfort equipment 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

## References

Packaging	Specifications	Standard Packing Quantity
D	φ180mm Reel Paper Tape	4000
J	φ330mm Reel Paper Tape	10000

Mass (typ.)	
1 piece	3.0mg

### Attention

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## Specifications

Length	1.6±0.1mm
Width	0.8±0.1mm
Thickness	0.5+0/-0.1mm
Capacitance	1.0μF ±10%
Distance between external terminals g	0.6mm min.
External terminal size e	0.2 to 0.55mm
Operating Temperature Range	-55°C to 85°C
Rated Voltage	25Vdc
Size code in inch(mm)	0603 (1608M)
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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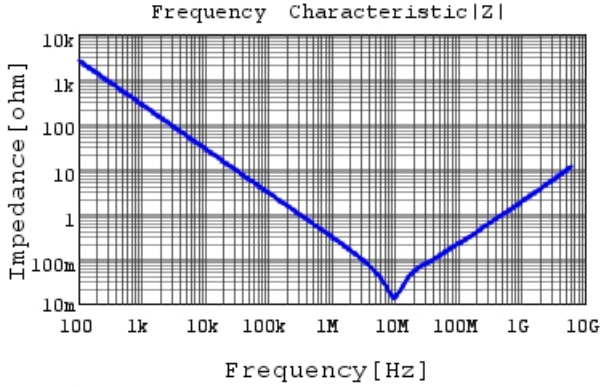
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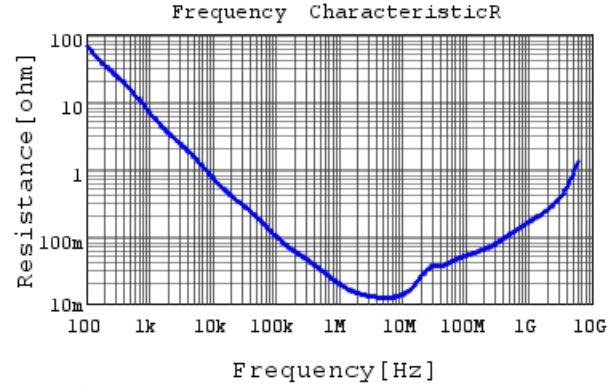


## Characteristic Data

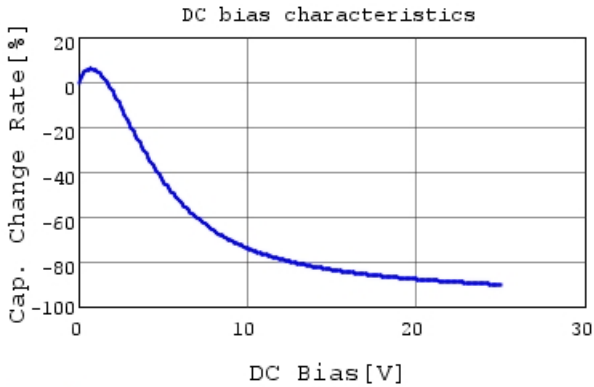
The charts below may show another part number which shares its characteristics.



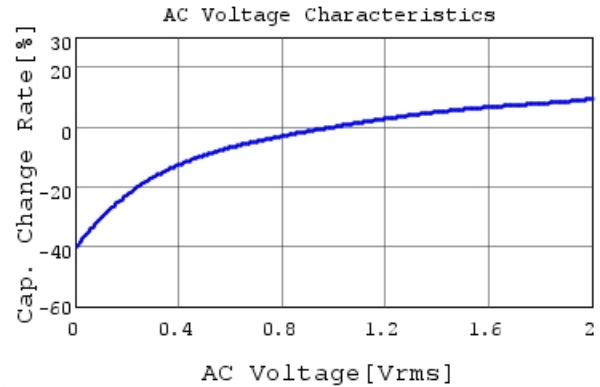
GRM185R61E105KA12 |Z| DCOV, 25degC



GRM185R61E105KA12 R DCOV, 25degC



GRM185R61E105KA12 C-DC bias capchange, 25.0c



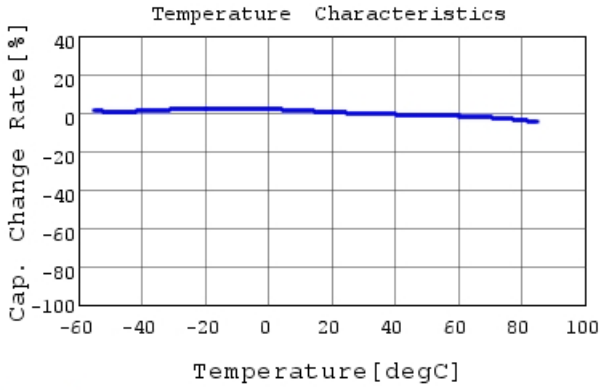
GRM185R61E105KA12 C-AC Voltage capchange, Dc

**Attention**

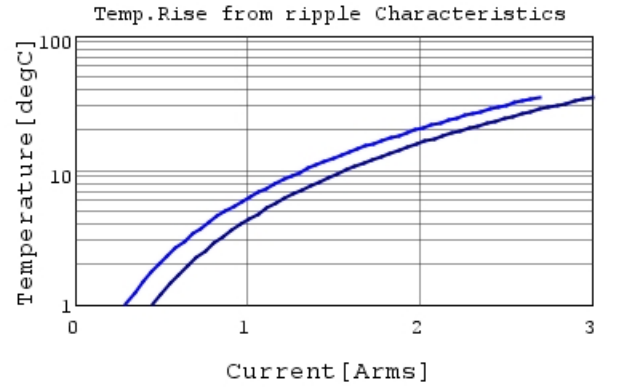
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GRM185R61E105KA12 C-Temp. capchange, DC0.0V,



GRM185R61E105KA12 Temp.rise — 500kHz —

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