

GRM185R61E105KA12#

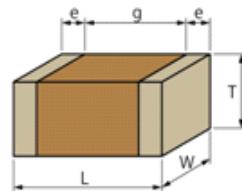
“#” indicates a package specification code.



< List of part numbers with package codes >

GRM185R61E105KA12J GRM185R61E105KA12D

Appearance & Shape



References

Packaging	Specifications	Minimum Order Quantity
J	330mm Paper Tape	10000
D	180mm Paper Tape	4000

Mass (typ.)	
1 piece	3mg
φ180mm Reel	100g

Notices

Derating1

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.

1 of 4

GRM185R61E105KA12#

“#” indicates a package specification code.



Specifications

Length	1.6±0.1mm
Width	0.8±0.1mm
Thickness	0.5+0/-0.1mm
Capacitance	1.0 μ F ±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

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.

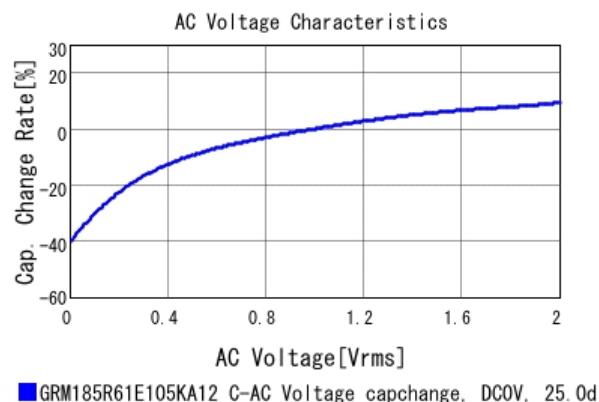
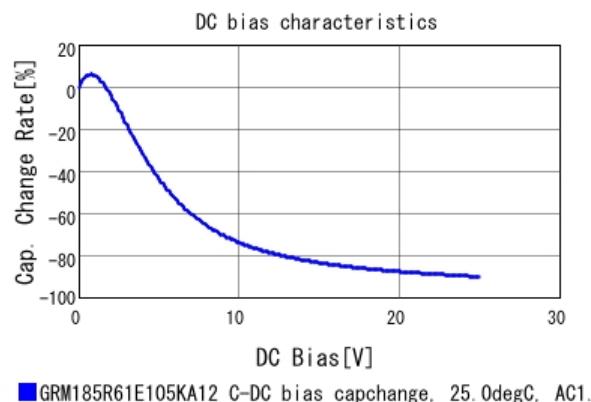
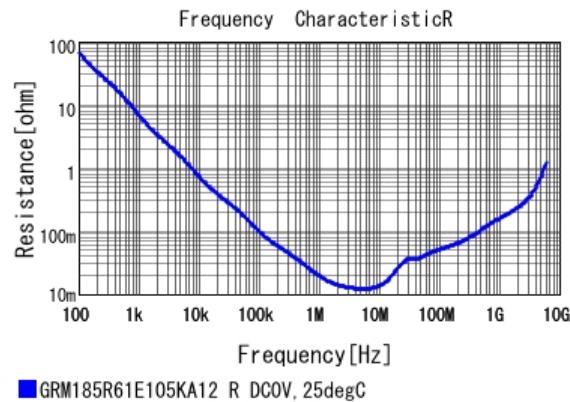
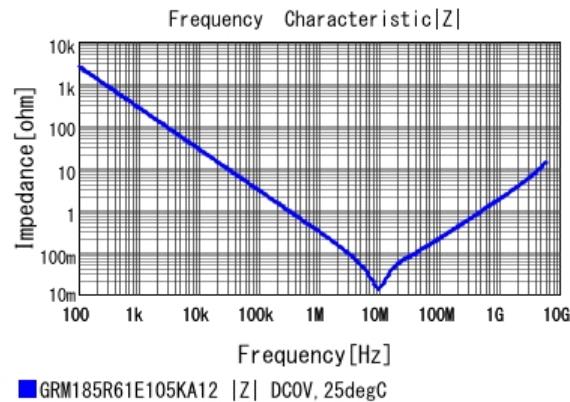
GRM185R61E105KA12#

Note: This datasheet may be out of date.
 Please download the latest datasheet of GRM185R61E105KA12# from the official website of Murata Manufacturing Co., Ltd.
<http://www.murata.com/en-US/products/productdetail?partno=GRM185R61E105KA12%23>

“#” indicates a package specification code.


Characteristic Data

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

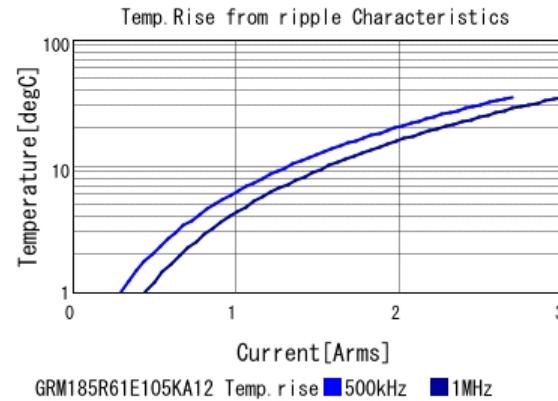
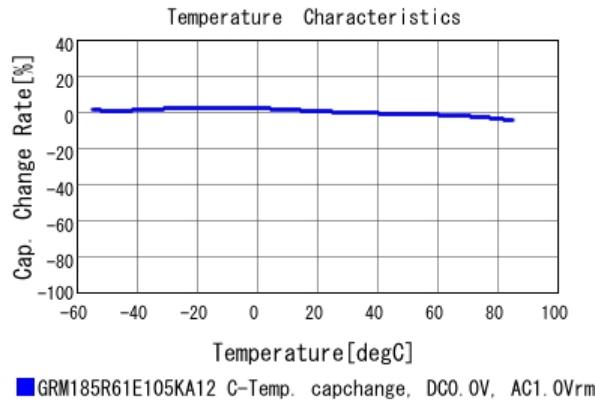
**Attention**

- 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.

GRM185R61E105KA12#

“#” indicates a package specification code.

**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.

4 of 4