

GRM188B31A106KE69#

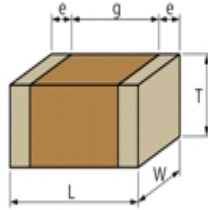
“#” indicates a package specification code.



< List of part numbers with package codes >

GRM188B31A106KE69J GRM188B31A106KE69D

Appearance & Shape



References

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

Mass (typ.)	
1 piece	8.1mg
φ180mm Reel	154g

Notices

Derating1

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.

GRM188B31A106KE69#

“#” indicates a package specification code.



Specifications

Length	1.6±0.15mm
Width	0.8±0.15mm
Thickness	0.8±0.15mm
Capacitance	10μF ±10%
Distance between external terminals g	0.6mm min.
External terminal size e	0.2 to 0.55mm
Operating Temperature Range	-25°C to 85°C
Rated Voltage	10Vdc
Size code in inch(mm)	0603 (1608M)
Capacitance change rate	±10.0%
Temperature characteristics (complied standard)	B(JIS)
Temperature range of temperature characteristics	-25°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.

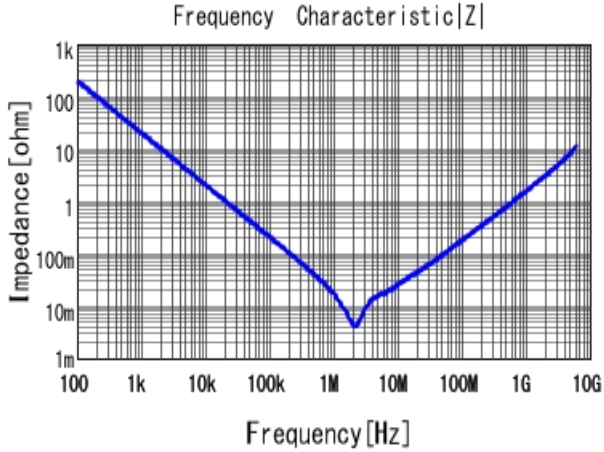
GRM188B31A106KE69#

“#” indicates a package specification code.

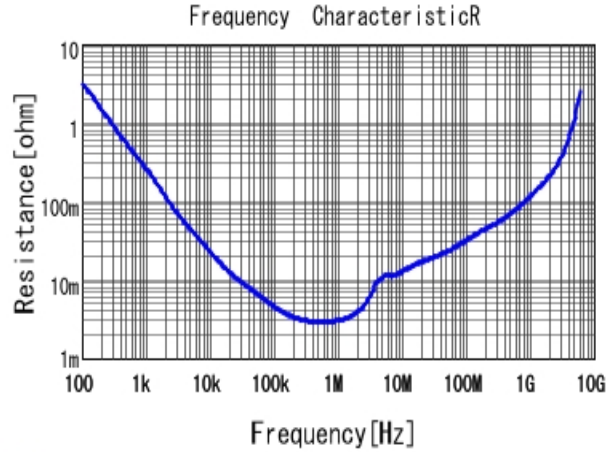


Characteristic Data

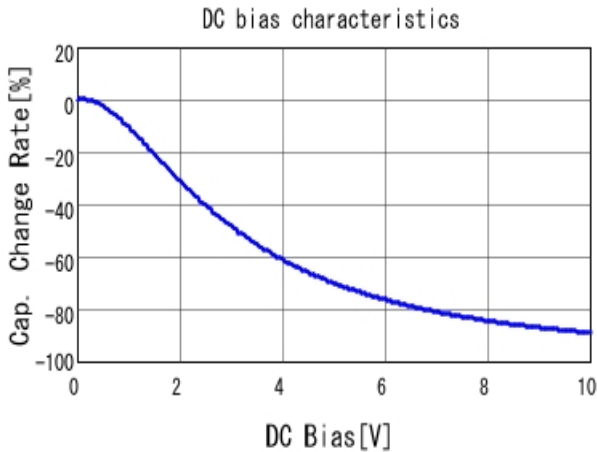
The charts below may show another part number which shares its characteristics.



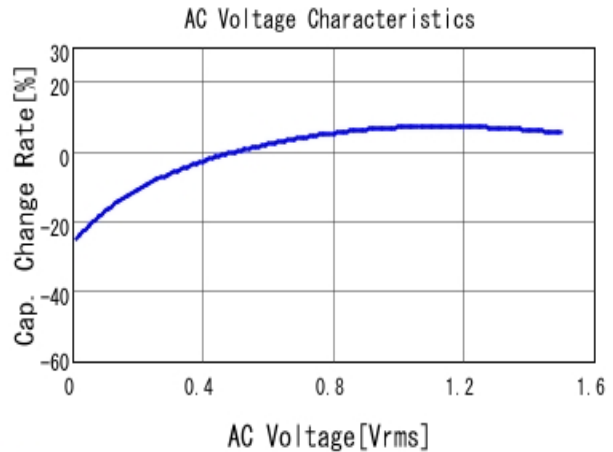
■ GRM188B31A106KE69 |Z| DCOV, 20degC



■ GRM188B31A106KE69 R DCOV, 20degC



■ GRM188B31A106KE69 C-DC bias capchange, 20.0degC, AC0.



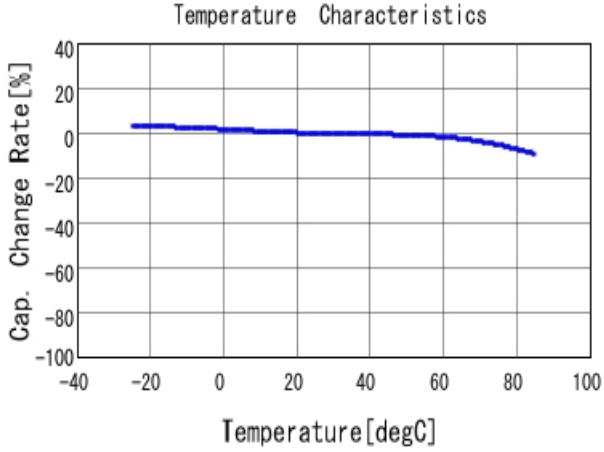
■ GRM188B31A106KE69 C-AC Voltage capchange, DCOV, 20.0d

Attention

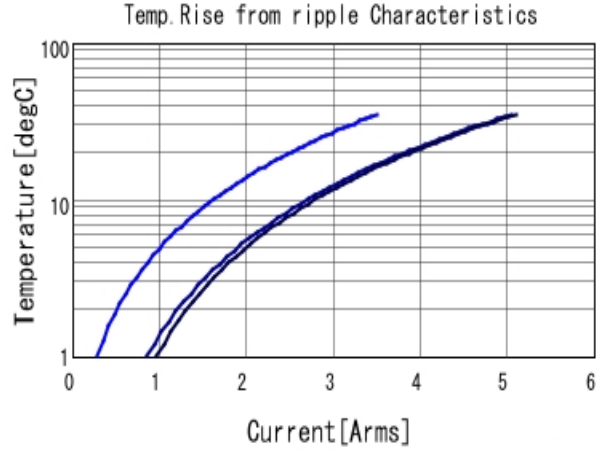
- 1.This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.
- 2.This datasheet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

GRM188B31A106KE69#

“#” indicates a package specification code.



■ GRM188B31A106KE69 C-Temp. capchange, DCO. 0V, ACO. 5V_{rm}



GRM188B31A106KE69 Temp. rise ■ 80kHz ■ 400kHz ■ 800kHz

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.