

GRT188C81C106ME13#

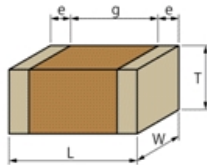
“#” indicates a package specification code.



< List of part numbers with package codes >

GRT188C81C106ME13D GRT188C81C106ME13J

Appearance & Shape



References

Packaging	Specifications	Standard Packing Quantity
D	180mm Paper Tape	4000
J	330mm Paper Tape	10000

Mass (typ.)	
1 piece	9.1mg
φ180mm Reel	166g

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.
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Specifications

Length	1.6±0.2mm
Width	0.8±0.2mm
Thickness	0.8±0.2mm
Capacitance	10µF ±20%
Distance between external terminals g	0.6mm min.
External terminal size e	0.2 to 0.55mm
Operating Temperature Range	-55°C to 105°C
Rated Voltage	16Vdc
Size code in inch(mm)	0603 (1608M)
Capacitance change rate	±22.0%
Temperature characteristics (complied standard)	X6S(EIA)
Temperature range of temperature characteristics	-55°C to 105°C

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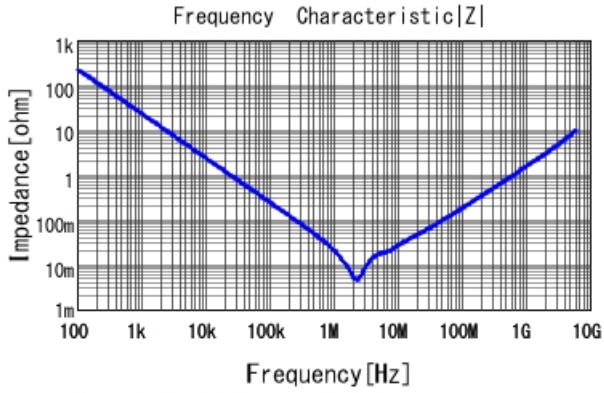
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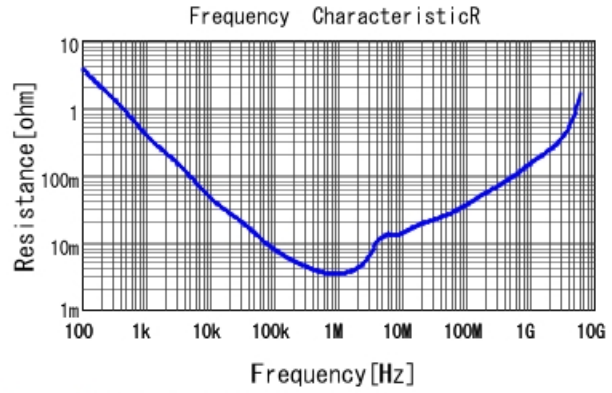


Characteristic Data

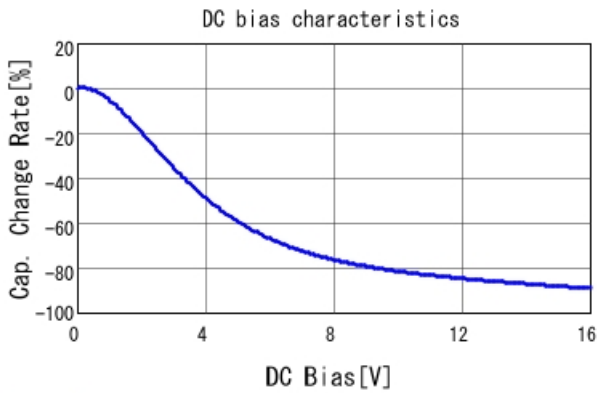
The charts below may show another part number which shares its characteristics.



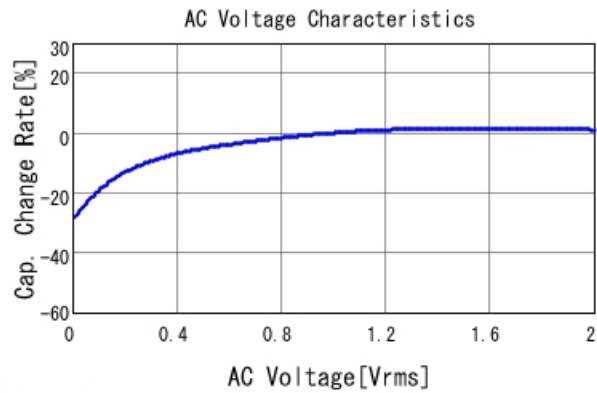
GRT188C81C106ME13 |Z| DCOV, 25degC



GRT188C81C106ME13 R DCOV, 25degC



GRT188C81C106ME13 C-DC bias capchange, 25.0degC, A



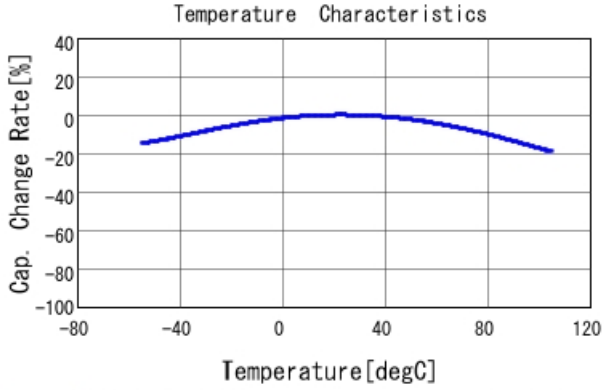
GRT188C81C106ME13 C-AC Voltage capchange, DCOV, 25

Attention

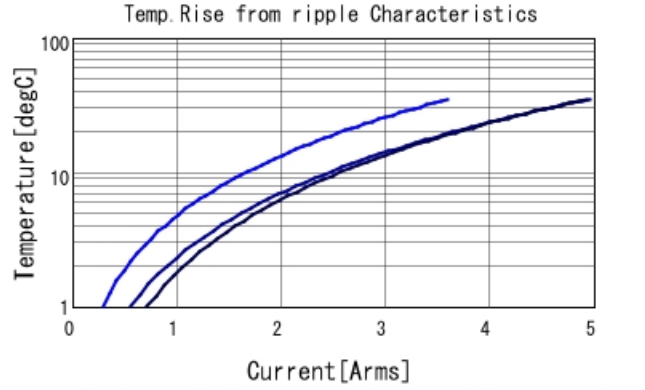
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GRT188C81C106ME13 C-Temp. capchange, DC0.0V, AC0.2



GRT188C81C106ME13 Temp. rise — 80kHz — 400kHz

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