

GRT155C81C105KE13#

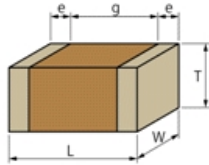
“#” indicates a package specification code.



< List of part numbers with package codes >

GRT155C81C105KE13D GRT155C81C105KE13J

Appearance & Shape



References

Packaging	Specifications	Standard Packing Quantity
D	180mm Paper Tape	10000
J	330mm Paper Tape	40000

Mass (typ.)	
1 piece	1.6mg
φ180mm Reel	118g

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	1.0±0.1mm
Width	0.5±0.1mm
Thickness	0.5±0.1mm
Capacitance	1.0μF ±10%
Distance between external terminals g	0.3mm min.
External terminal size e	0.15 to 0.35mm
Operating Temperature Range	-55°C to 105°C
Rated Voltage	16Vdc
Size code in inch(mm)	0402 (1005M)
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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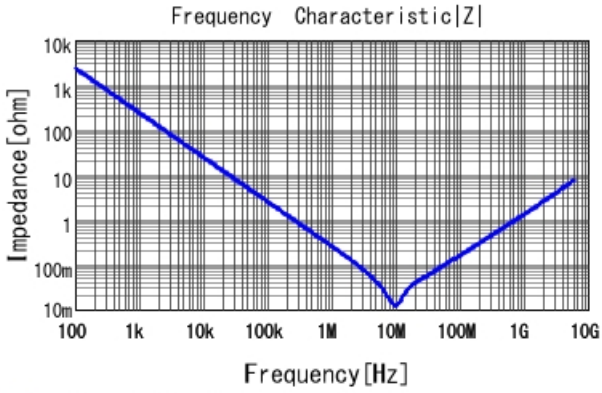
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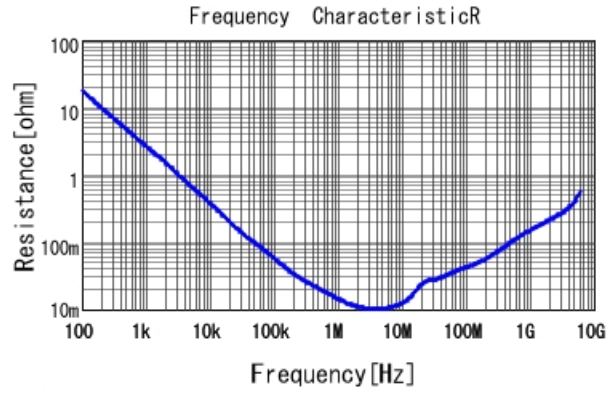


Characteristic Data

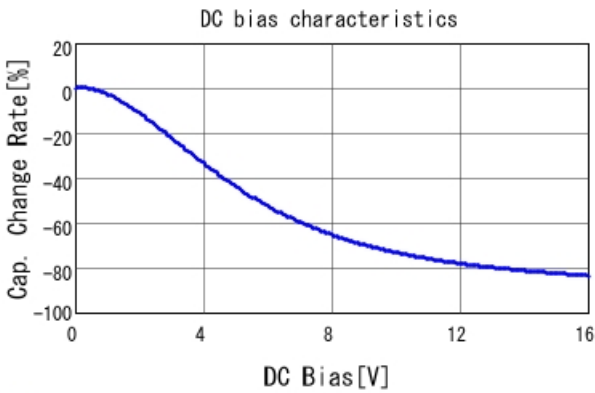
The charts below may show another part number which shares its characteristics.



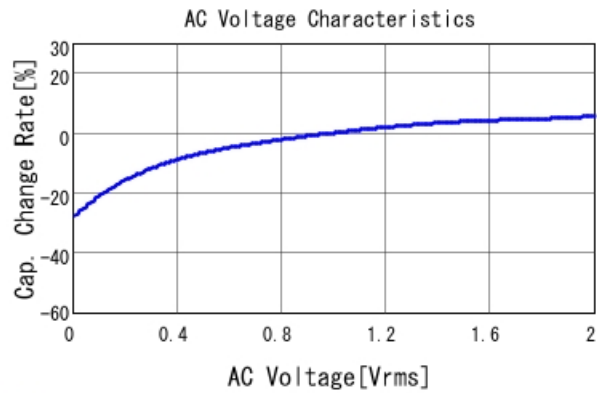
■ GRT155C81C105KE13 |Z| DC0V, 25degC



■ GRT155C81C105KE13 R DC0V, 25degC



■ GRT155C81C105KE13 C-DC bias capchange, 25.0degC, AC1V



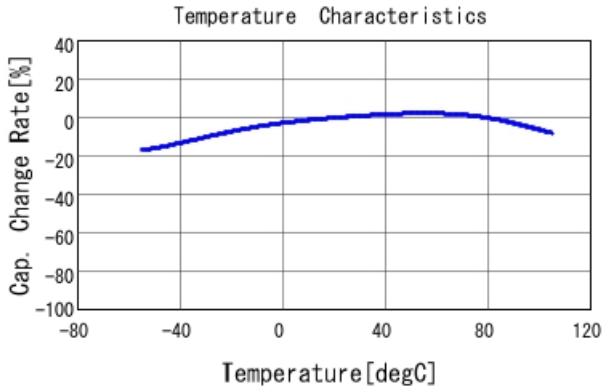
■ GRT155C81C105KE13 C-AC Voltage capchange, DC0V, 25.0d

Attention

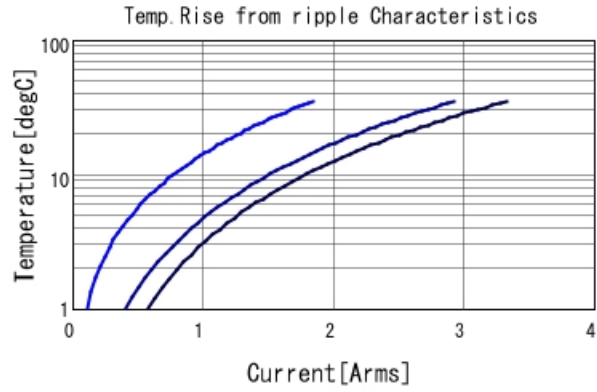
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■ GRT155C81C105KE13 C-Temp. capchange, DCO. 0V, ACO. 2V_{rm}



■ GRT155C81C105KE13 Temp. rise ■ 100kHz ■ 500kHz ■ 1MHz

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