

# GRM188B31C475KAAJ#

“#” indicates a package specification code.



< List of part numbers with package codes >

GRM188B31C475KAAJJ      GRM188B31C475KAAJD

## 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.
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## Specifications

Length	1.6±0.15mm
Width	0.8±0.15mm
Thickness	0.8±0.15mm
Capacitance	4.7μF ±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	16Vdc
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

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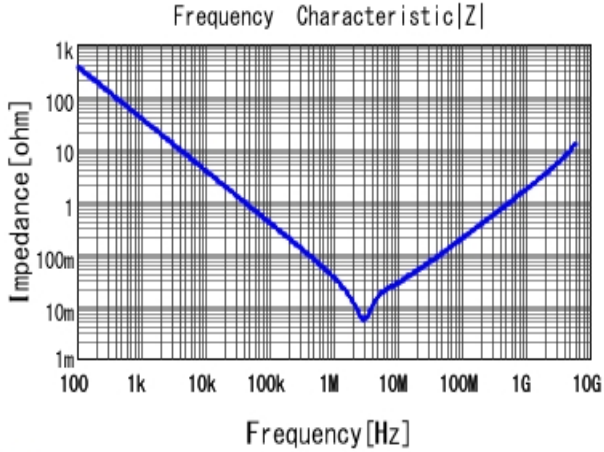
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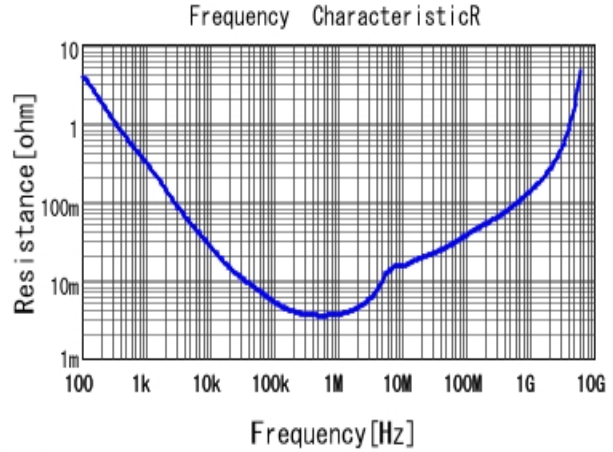


## Characteristic Data

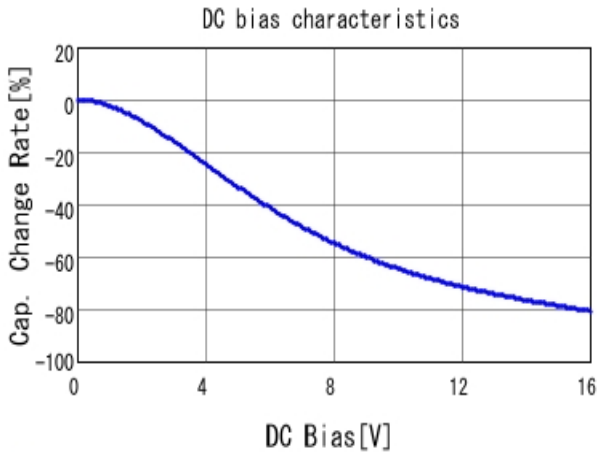
The charts below may show another part number which shares its characteristics.



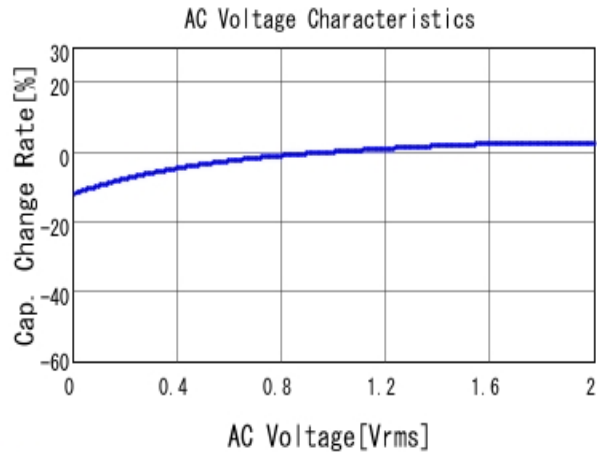
■ GRM188B31C475KAAJ |Z| DCOV, 20degC



■ GRM188B31C475KAAJ R DCOV, 20degC



■ GRM188B31C475KAAJ C-DC bias capchange, 20.0degC, AC1V



■ GRM188B31C475KAAJ C-AC Voltage capchange, DCOV, 20.0d

**Attention**

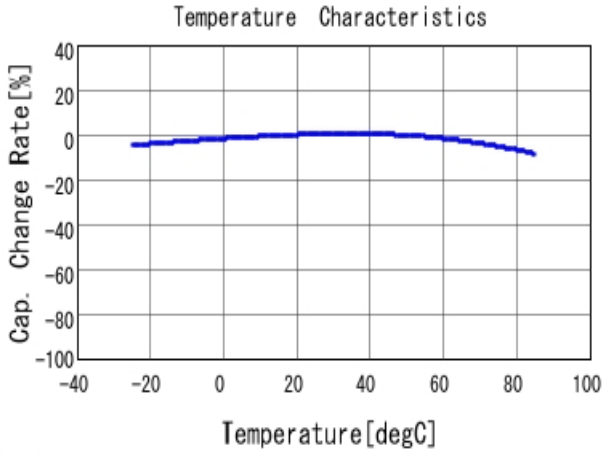
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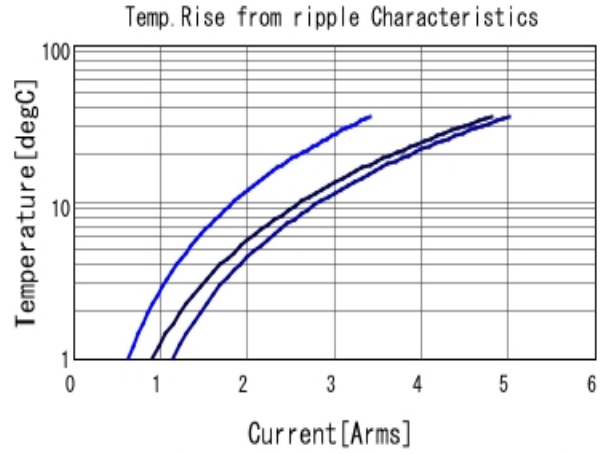
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■ GRM188B31C475KAAJ C-Temp. capchange, DCO. 0V, ACO. 2V<sub>rm</sub>



GRM188B31C475KAAJ Temp. rise ■ 100kHz ■ 500kHz ■ 1MHz

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