

GRM31A7U3A101JW31#

" # " indicates a package specification code.

Recommended

Available

General

125℃

Reflow OK


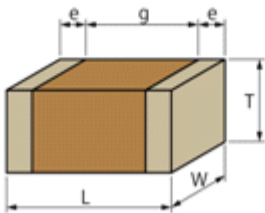
Flow OK

RoHS

REACH

< List of part numbers with package codes >
GRM31A7U3A101JW31D , GRM31A7U3A101JW31J

Shape



L size	3.2 ± 0.2mm
W size	1.6 ± 0.2mm
T size	1.0 +0.0/-0.3mm
External terminal width e	0.3mm min.
Distance between external terminals g	1.5mm min.
Size code in inch(mm)	1206 (3216)

References

Packaging	Specifications	Minimum quantity
D	180mm Paper taping	4000
J	330mm Paper taping	10000

Mass (typ.)	
1 piece	27mg

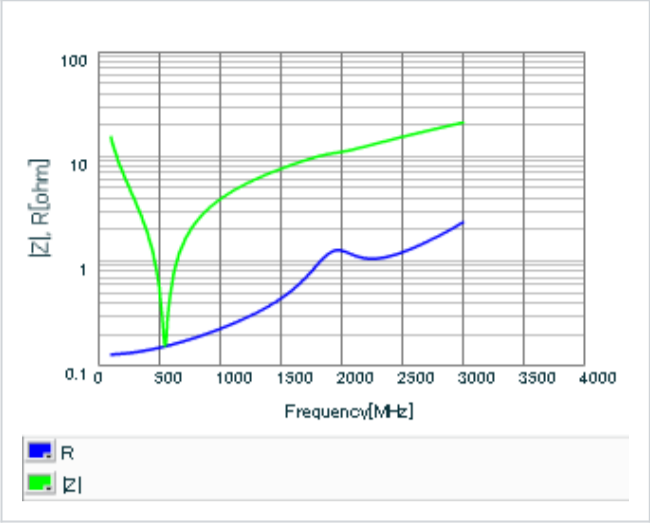
Specifications

Capacitance	100pF ± 5%
Rated voltage	1000Vdc
Temperature characteristics (complied standard)	U2J(EIA)
Temperature coefficient	-750 ± 120ppm/
Temperature range of temperature characteristics	25 to 85
Operating temperature range	-55 to 125

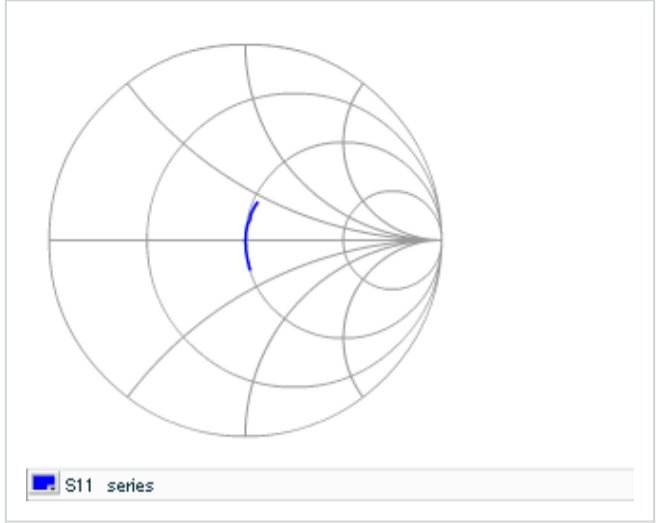
⚠ Attention

- 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.

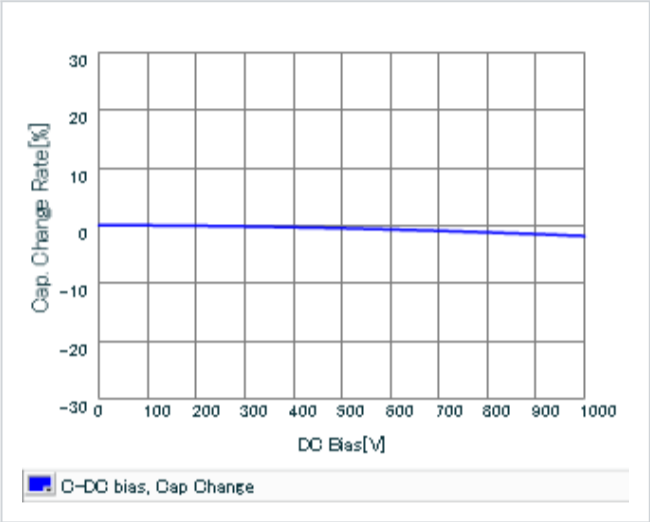
Frequency characteristics (ESR, Impedance)



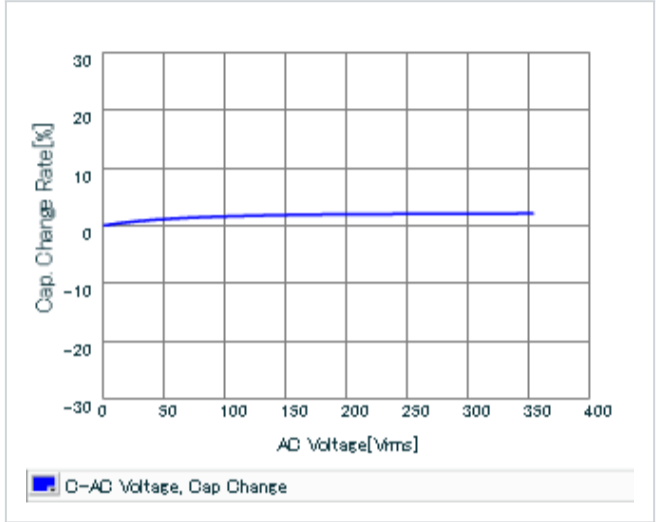
S parameter (Smith chart S11)



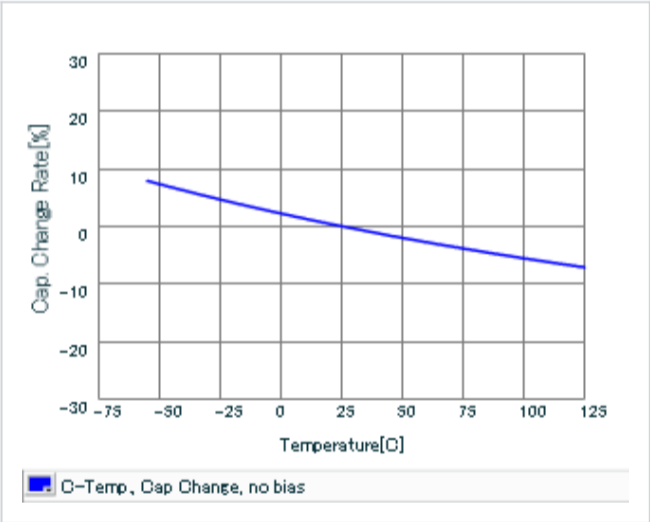
DC bias characteristics



AC voltage characteristics



Capacitance - temperature characteristics



This PDF data 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.