

GRM319C81A106MA12#

" # " indicates a package specification code.

Available

General

105℃

Reflow OK

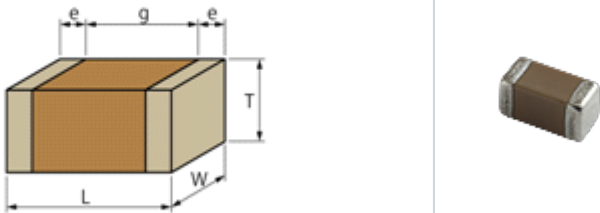
Flow OK

RoHS

Lead free

< List of part numbers with package codes >
GRM319C81A106MA12D , GRM319C81A106MA12J

Shape



L size	3.2 ± 0.15mm
W size	1.6 ± 0.15mm
T size	0.85 ± 0.1mm
External terminal width e	0.3 to 0.8mm
Distance between external terminals g	1.5mm min.
Size code in inch(mm)	1206 (3216)

References

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

Mass (typ.)	
1 piece	24mg
φ 180mm Reel	208g

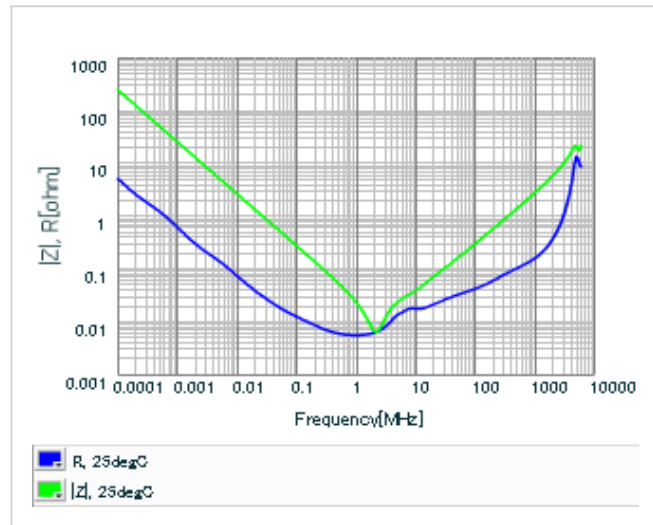
Specifications

Capacitance	10μF ± 20%
Rated voltage	10Vdc
Temperature characteristics (complied standard)	X6S(EIA)
Capacitance change rate	± 22.0%
Temperature range of temperature characteristics	-55 to 105
Operating temperature range	-55 to 105

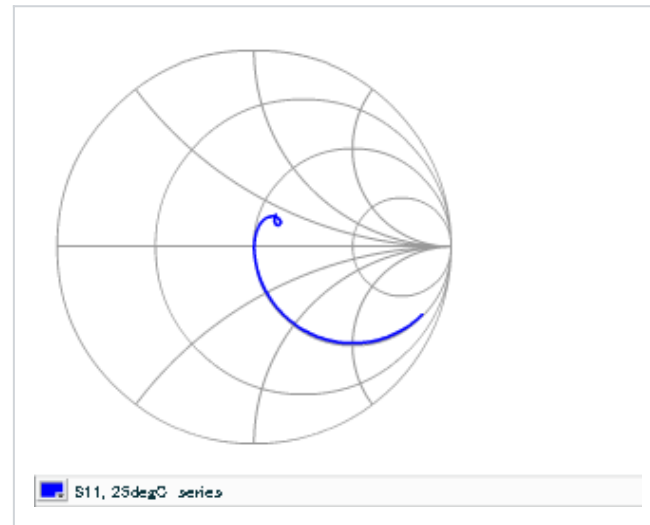
⚠ Attention

- 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.

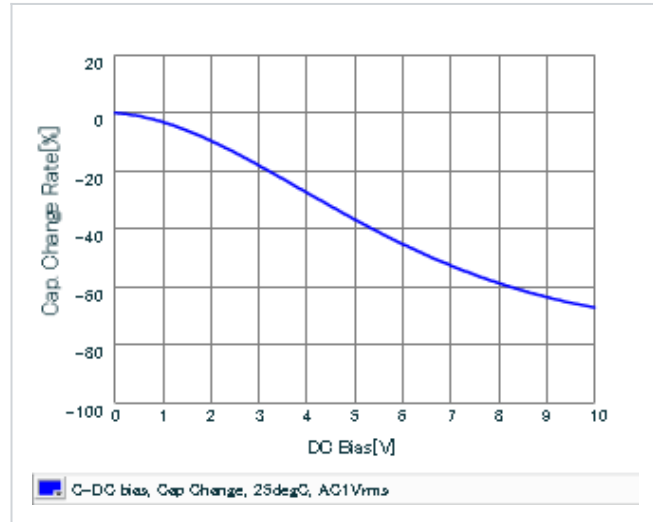
▪ Frequency characteristics (ESR, Impedance)



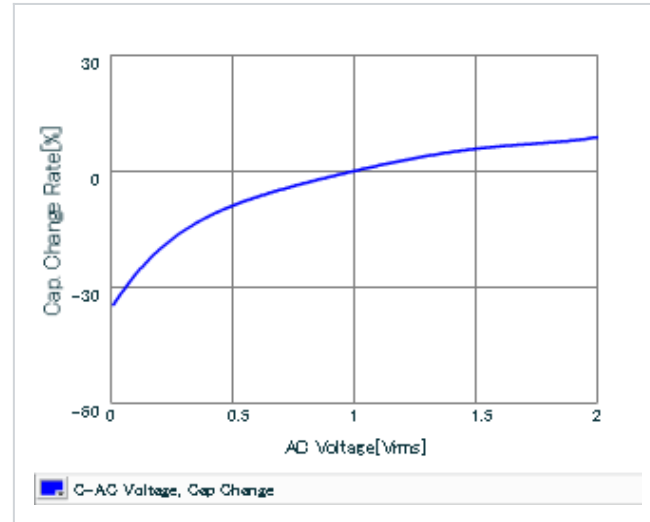
▪ S parameter (Smith chart S11)



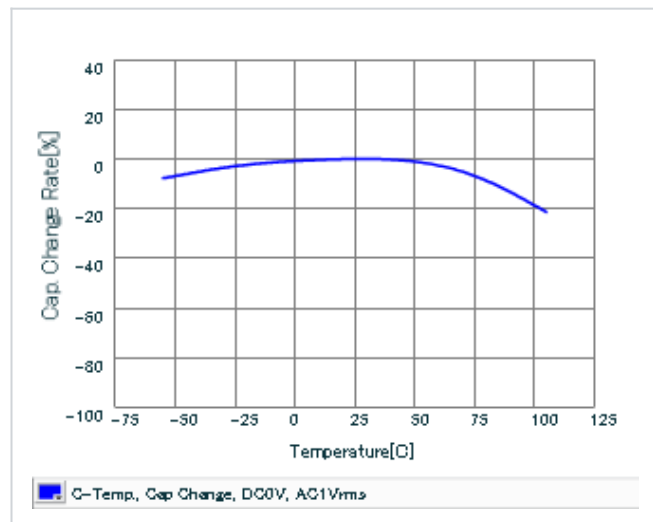
▪ DC bias characteristics



▪ AC voltage characteristics



▪ Capacitance - temperature characteristics



▪ Calorific property by ripple current

