

GRM219R61A105KA01#

“ # ” indicates a package specification code.

In Production

General

85℃

Reflow OK


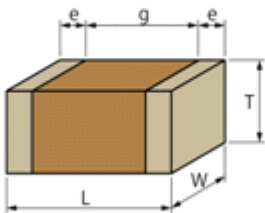
Flow OK

RoHS

REACH

< List of part numbers with package codes >
GRM219R61A105KA01D , GRM219R61A105KA01J

Shape



L size	2.0 ± 0.1mm
W size	1.25 ± 0.1mm
T size	0.85 ± 0.1mm
External terminal width e	0.2 to 0.7mm
Distance between external terminals g	0.7mm min.
Size code in inch(mm)	0805 (2012)

References

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

Mass (typ.)	
1 piece	11mg
180mm Reel	162g

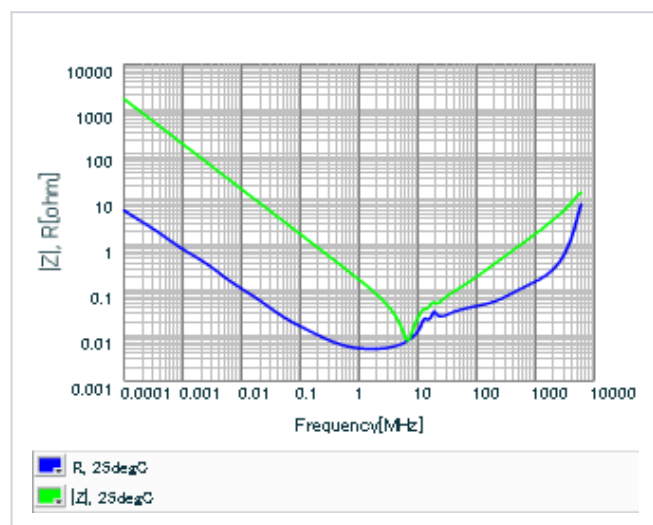
Specifications

Capacitance	1.0μF ± 10%
Rated voltage	10Vdc
Temperature characteristics (complied standard)	X5R(EIA)
Capacitance change rate	± 15.0%
Temperature range of temperature characteristics	-55 to 85
Operating temperature range	-55 to 85

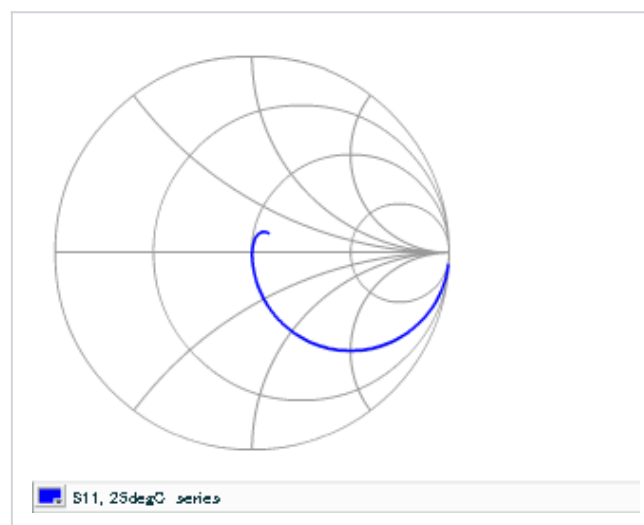
⚠ Attention

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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.

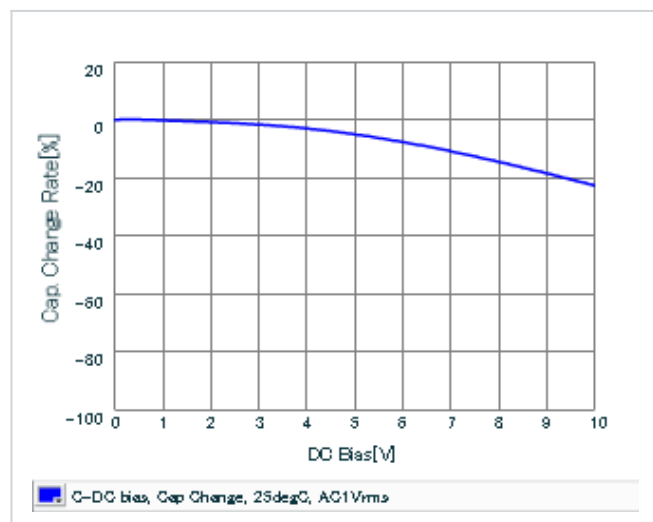
▪ Frequency characteristics (ESR, Impedance)



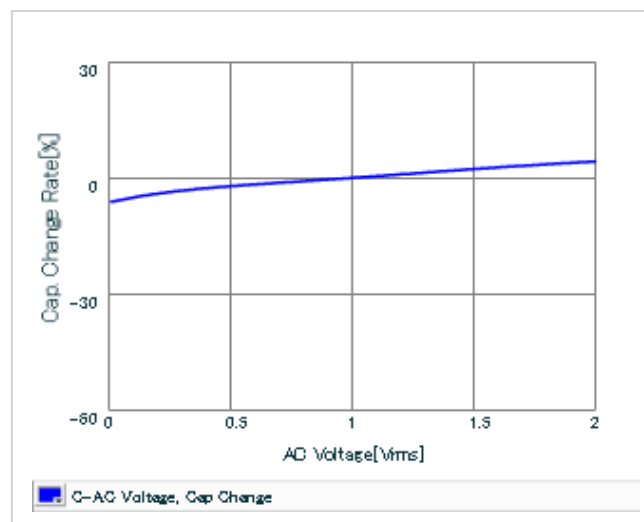
▪ S parameter (Smith chart S11)



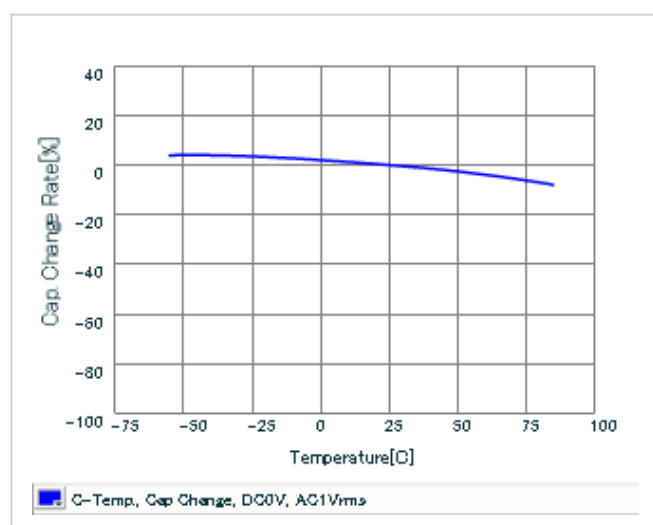
▪ DC bias characteristics



▪ AC voltage characteristics



▪ Capacitance - temperature characteristics



▪ Calorific property by ripple current

