

# GRM319R6YA106MA12#

" # " indicates a package specification code.



< List of part numbers with package codes >  
GRM319R6YA106MA12D , GRM319R6YA106MA12J

## 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)

## Notes

Volt. & temp. derating recommended product

## References

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

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

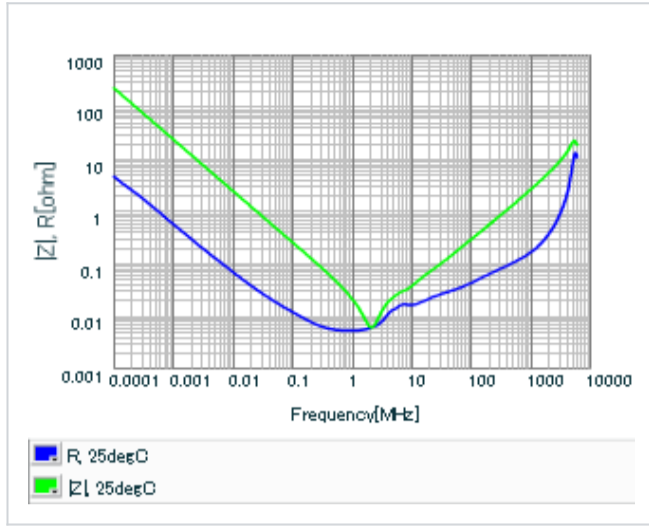
## Specifications

Capacitance	10µF ± 20%
Rated voltage	35Vdc
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

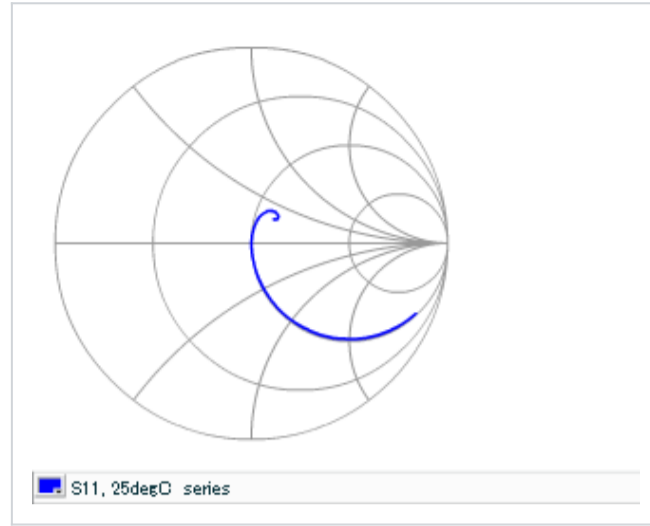
### ⚠ Attention

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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.

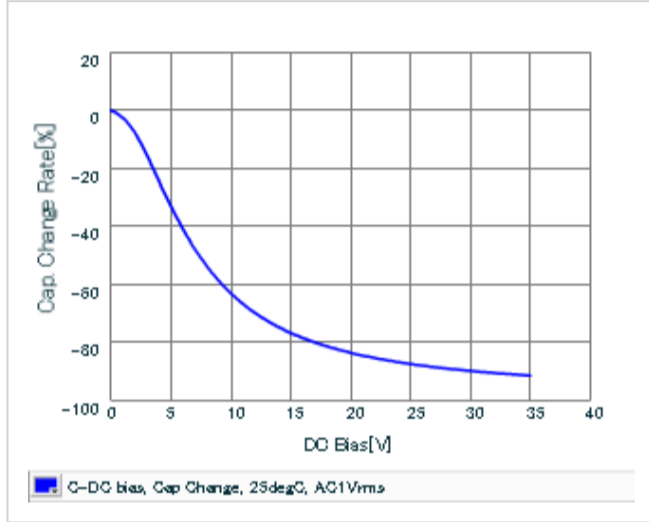
▪ Frequency characteristics (ESR, Impedance)



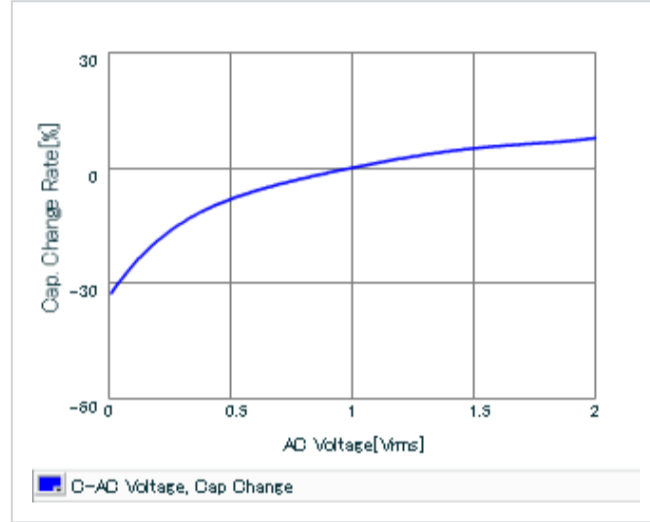
▪ S parameter (Smith chart S11)



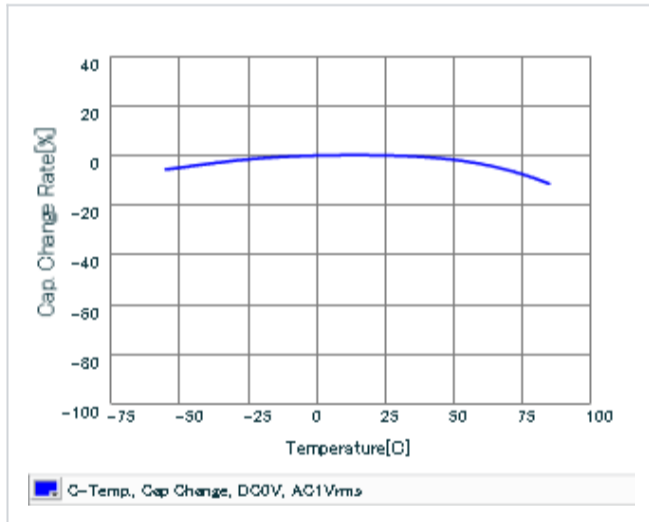
▪ DC bias characteristics



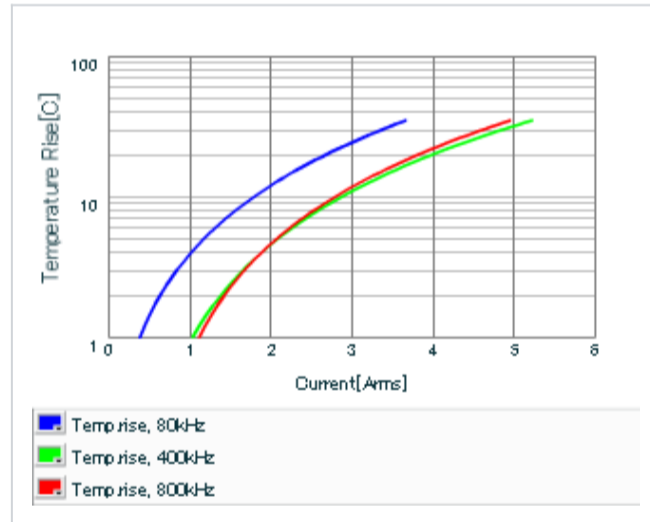
▪ AC voltage characteristics



▪ Capacitance - temperature characteristics



▪ Calorific property by ripple current



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