

# GRM219B31A106KE44#

"#" indicates a package specification code.



< List of part numbers with package codes >  
GRM219B31A106KE44D , GRM219B31A106KE44J

## Shape

L size	2.0 ± 0.2mm
W size	1.25 ± 0.2mm
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

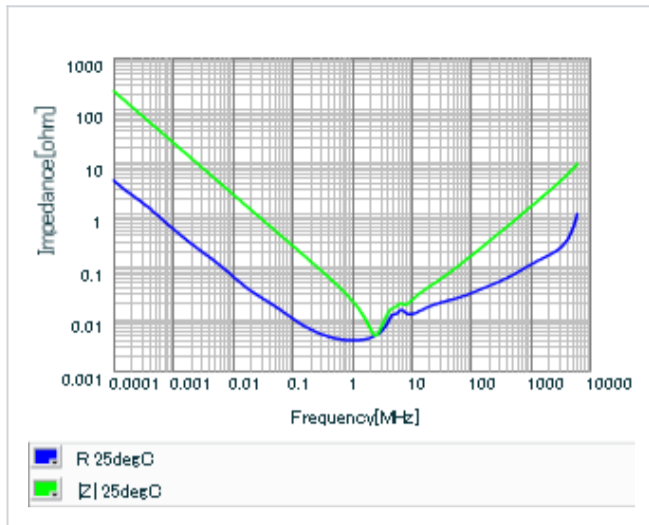
## Specifications

Capacitance	10μF ± 10%
Rated voltage	10Vdc
Temperature characteristics (complied standard)	B(JIS)
Capacitance change rate	± 10.0%
Temperature range of temperature characteristics	-25 to 85
Operating temperature range	-25 to 85

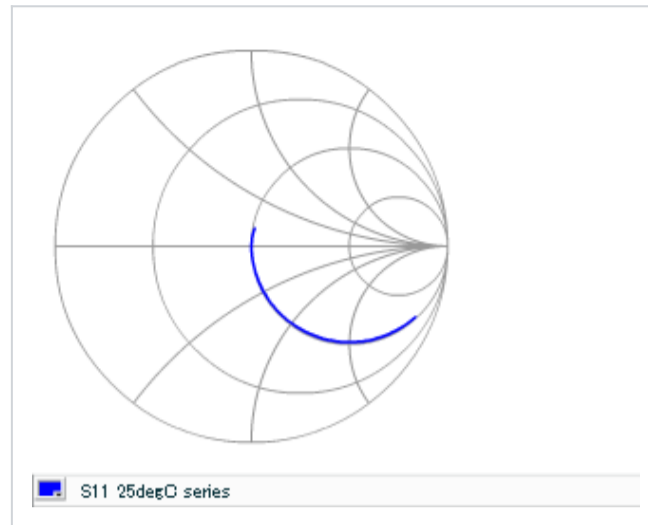
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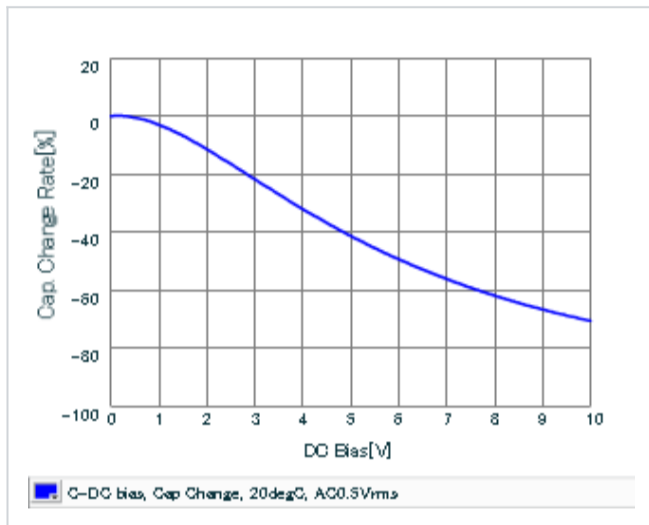
▪ Frequency characteristics (ESR, Impedance)



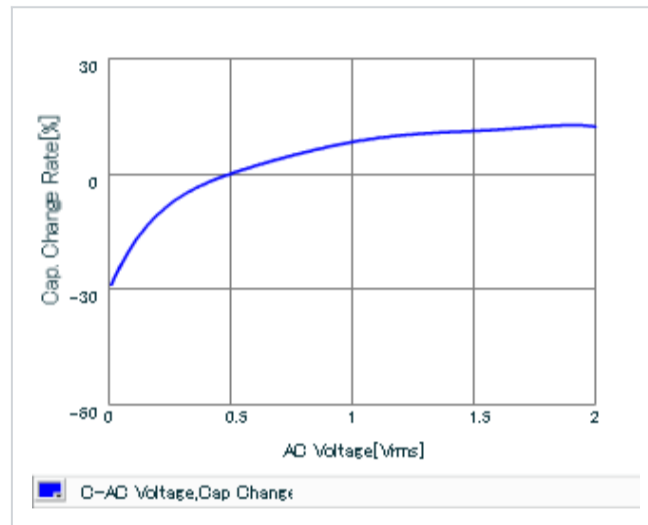
▪ S parameter (Smith chart S11)



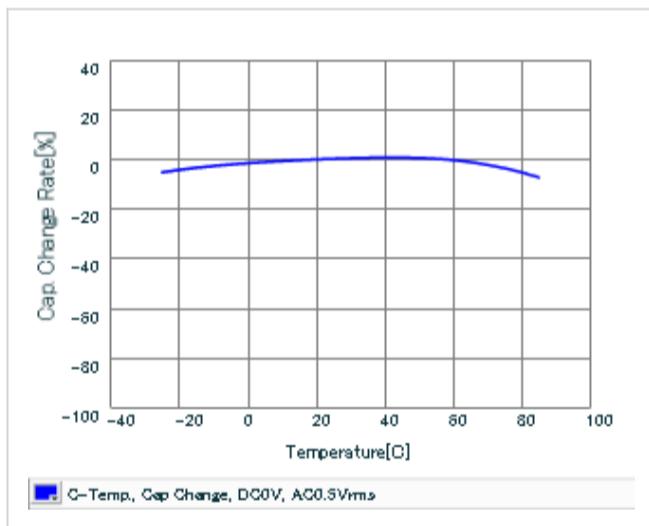
▪ DC bias characteristics



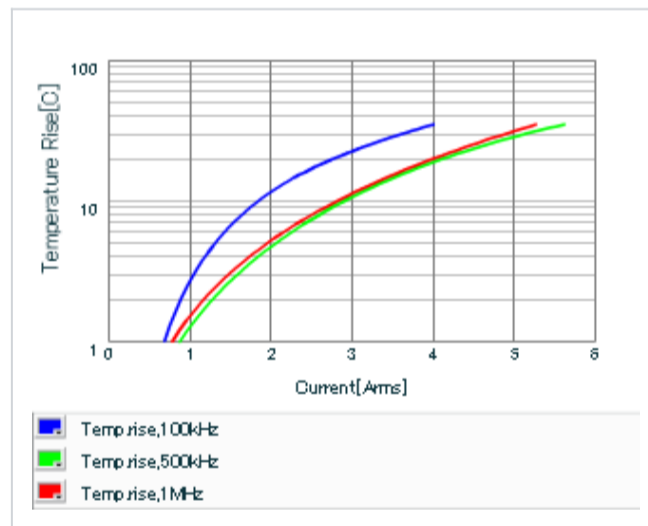
▪ AC voltage characteristics



▪ Capacitance - temperature characteristics



▪ Calorific property by ripple current



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