

GRM21BC71E106KE11#

“ # ” indicates a package specification code.

Recommended

In Production

General

125℃

Reflow OK

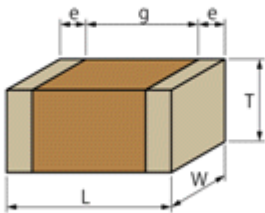
Flow OK

RoHS

REACH

< List of part numbers with package codes >
GRM21BC71E106KE11L

Shape





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

Notes

Derating1

References

Packaging	Specifications	Minimum quantity
L	φ 180mm Embossed taping	3000

Mass (typ.)	
1 piece	23mg
φ 180mm Reel	118g

Specifications

Capacitance	10μF ±10%
Rated voltage	25Vdc
Temperature characteristics (complied standard)	X7S(EIA)
Capacitance change rate	±22.0%
Temperature range of temperature characteristics	-55 to 125℃
Operating temperature range	-55 to 125℃

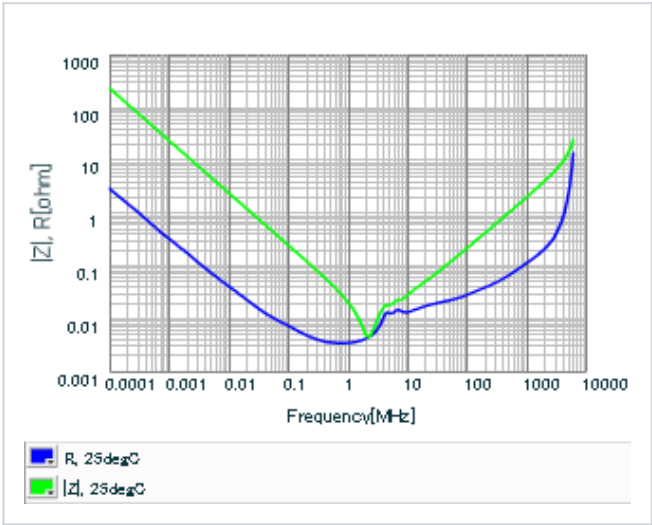
⚠ Attention

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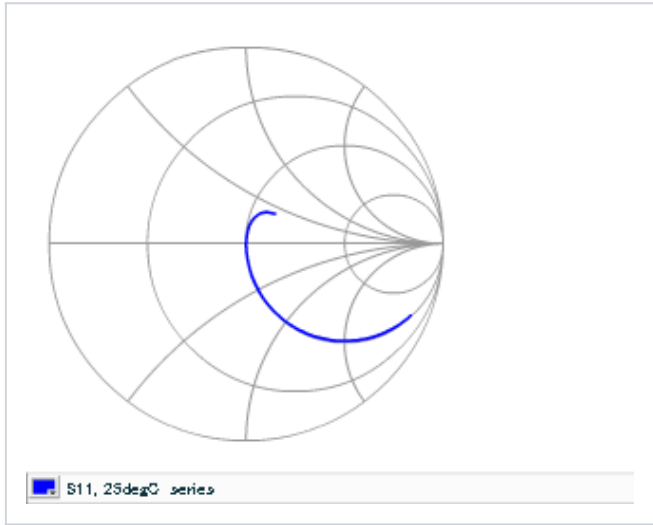
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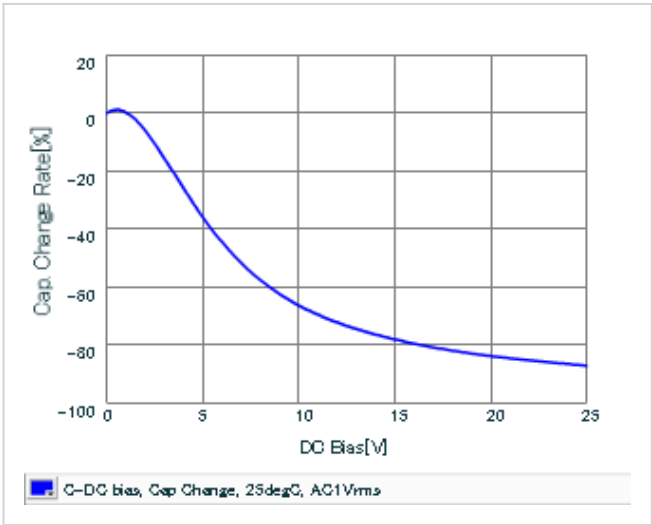
Frequency characteristics (ESR, Impedance)



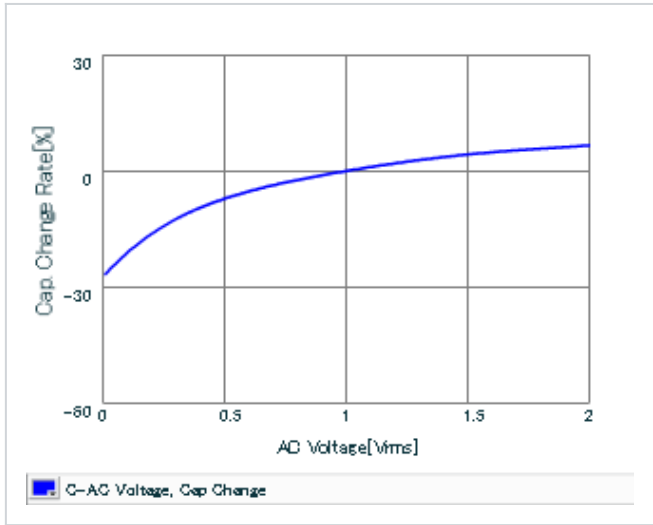
S parameter (Smith chart S11)



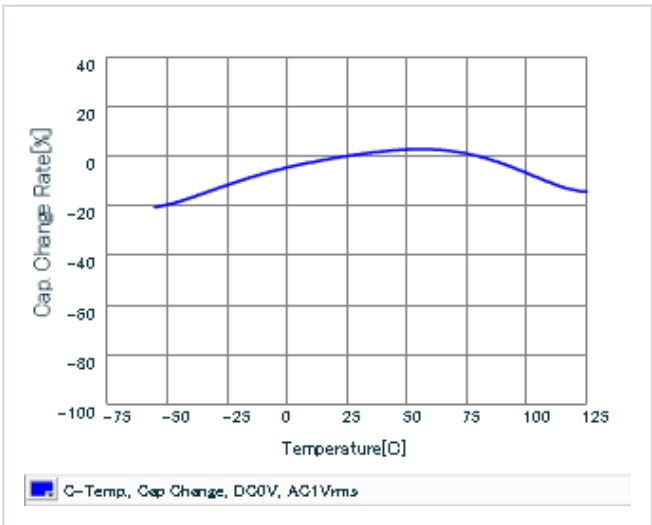
DC bias characteristics



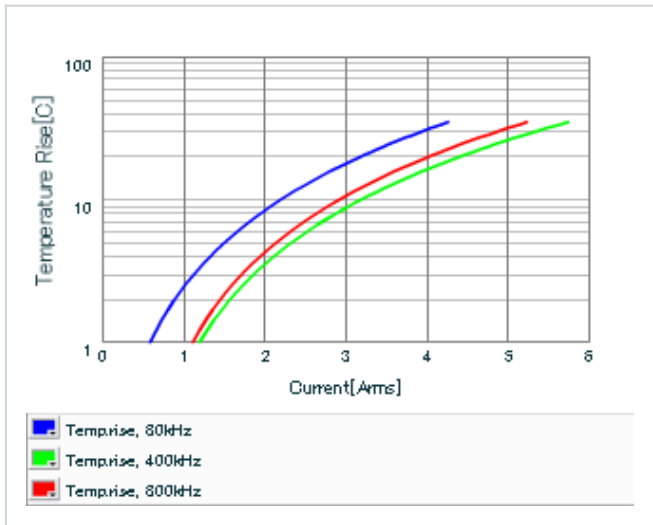
AC voltage characteristics



Capacitance - temperature characteristics



Calorific property by ripple current



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