

GRM21BC80G107ME15#

" # " indicates a package specification code.

New
Recommended
Available
General
105 °C
Reflow OK
Flow OK
RoHS
REACH
Derating

< List of part numbers with package codes >
 GRM21BC80G107ME15L , GRM21BC80G107ME15K

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

Measure capacitance after heat treatment (150C/1hr + room temp./24hr)
 Volt. & temp. derating recommended product

References

Packaging	Specifications	Minimum quantity
L	180mm Embossed taping	3000
K	330mm Embossed taping	10000

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

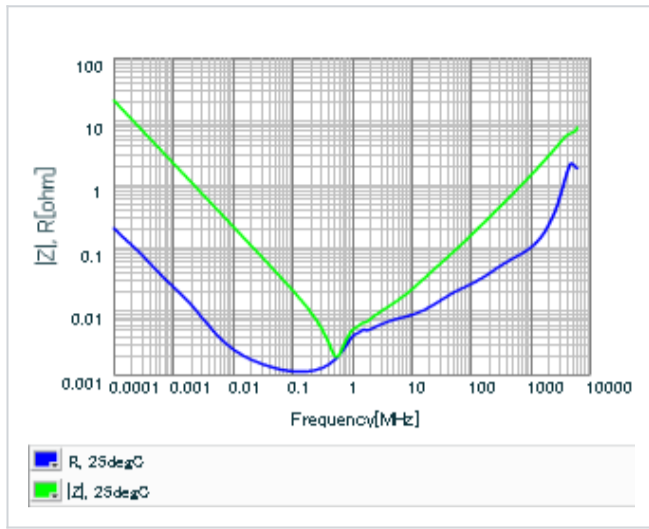
Specifications

Capacitance	100µF ± 20%
Rated voltage	4Vdc
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

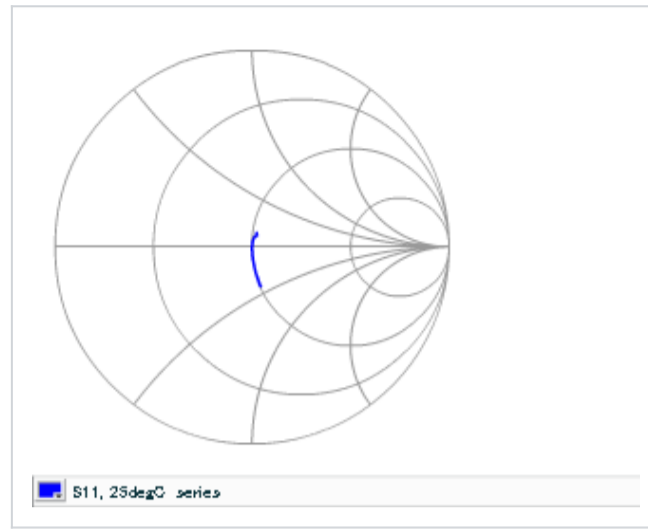
⚠ Attention

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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.

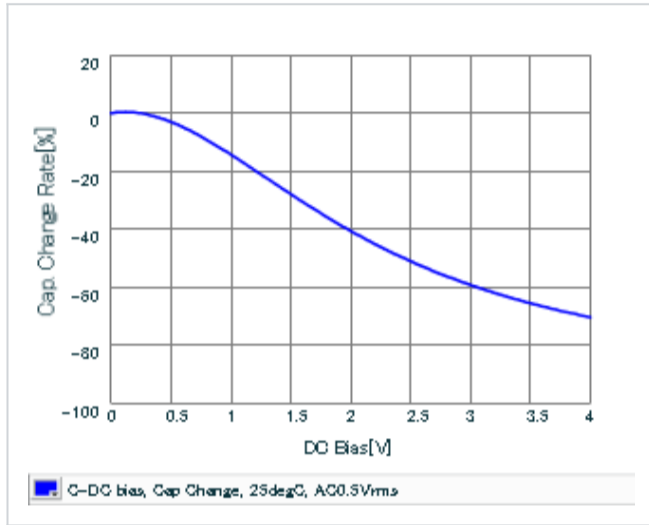
▪ Frequency characteristics (ESR, Impedance)



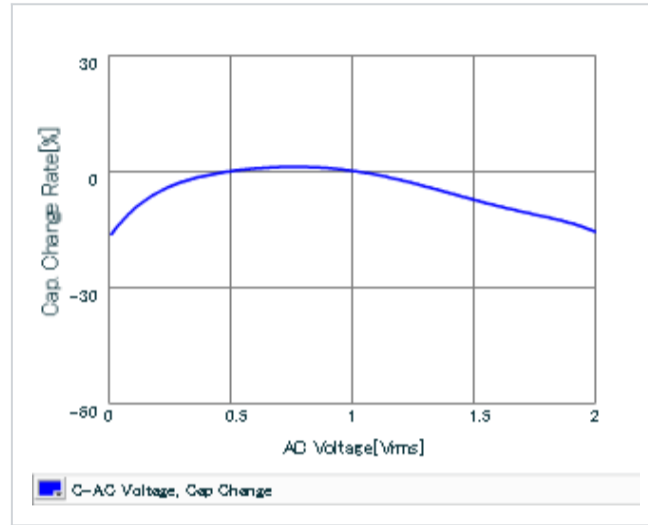
▪ S parameter (Smith chart S11)



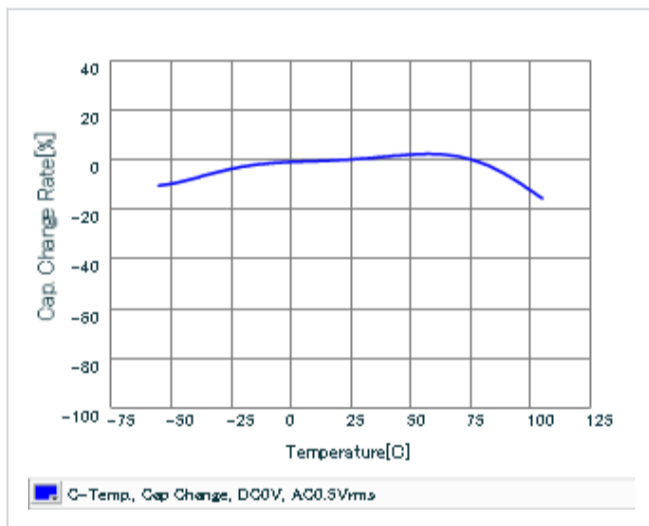
▪ DC bias characteristics



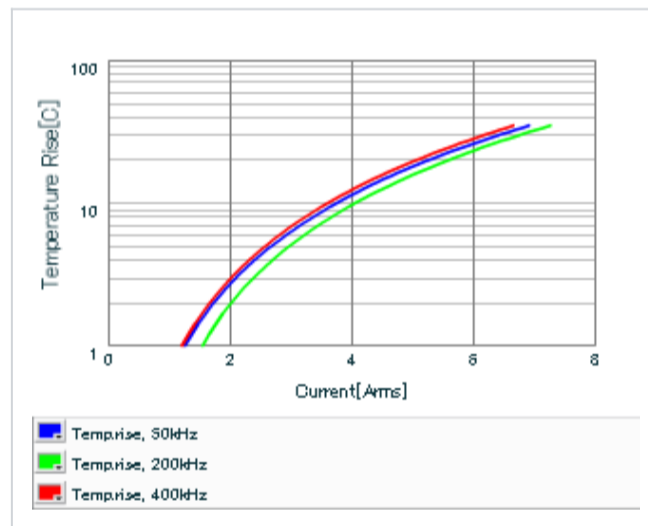
▪ AC voltage characteristics



▪ Capacitance - temperature characteristics



▪ Calorific property by ripple current



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