

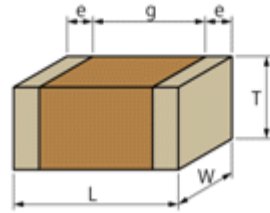
GRM188C81E105KAAD#

" # " indicates a package specification code.

Available   Complies with RoHS

< List of part numbers with package codes >
 GRM188C81E105KAADD , GRM188C81E105KAADJ

Shape



L size	1.6 ± 0.1mm
W size	0.8 ± 0.1mm
T size	0.8 ± 0.1mm
External terminal width e	0.2 to 0.5mm
Distance between external terminals g	0.5mm min.
Size code in mm(inch)	1608 (0603)

Specifications

Capacitance	1.0µF ± 10%
Rated voltage	25Vdc
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

References

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

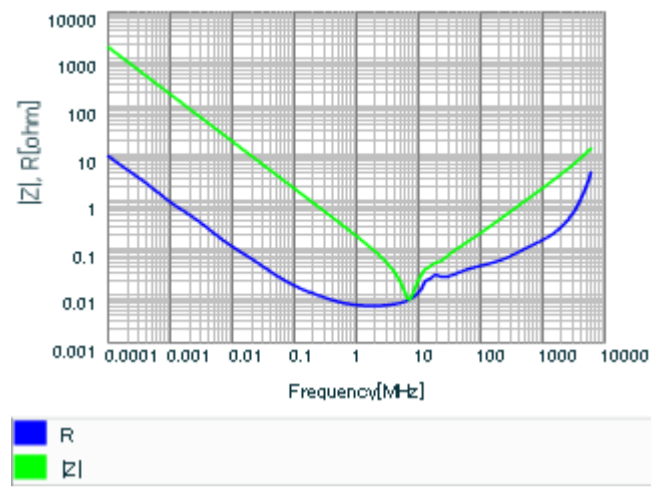
	Mass (typ.)
1 piece	6.3mg
180mm Reel	144g

⚠ Attention

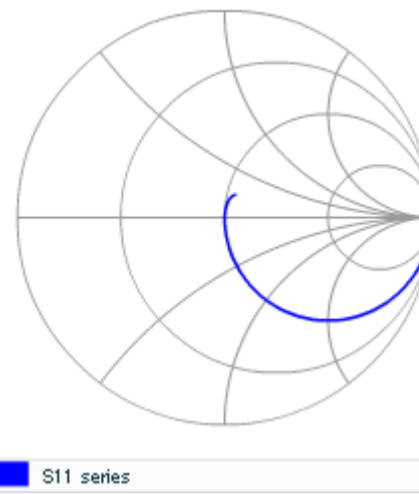
- 1.This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it ' s specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.
- 2.This datasheet 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.

Chart of characteristic data (The charts below may show another part number which shares its characteristics.)

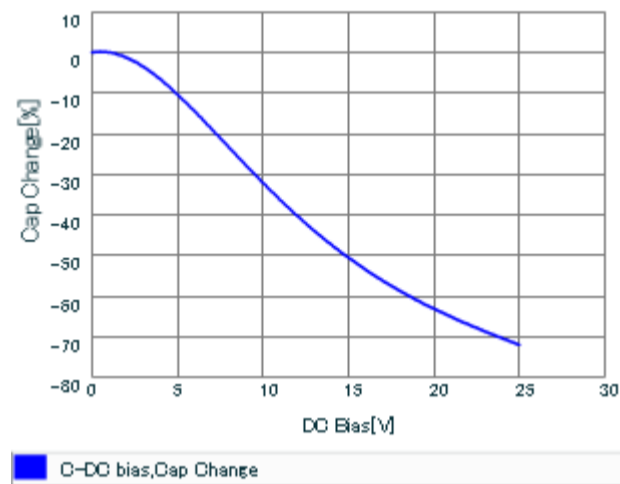
Frequency characteristics (ESR, Impedance)



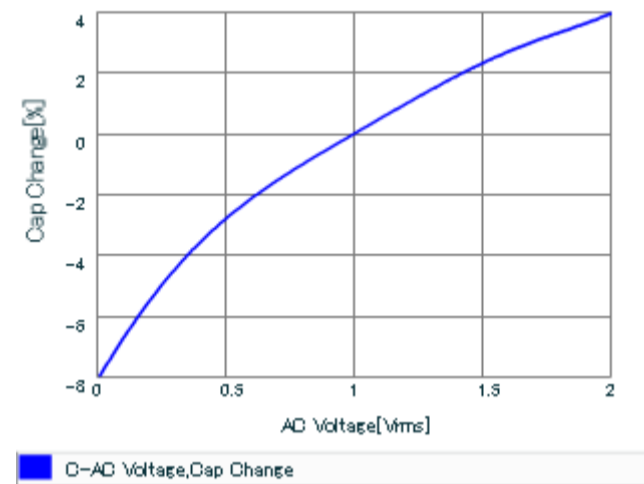
S parameter (Smith chart S11)



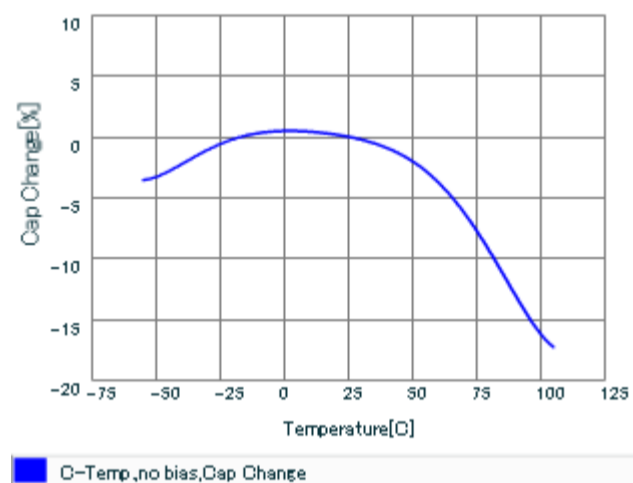
DC bias characteristics



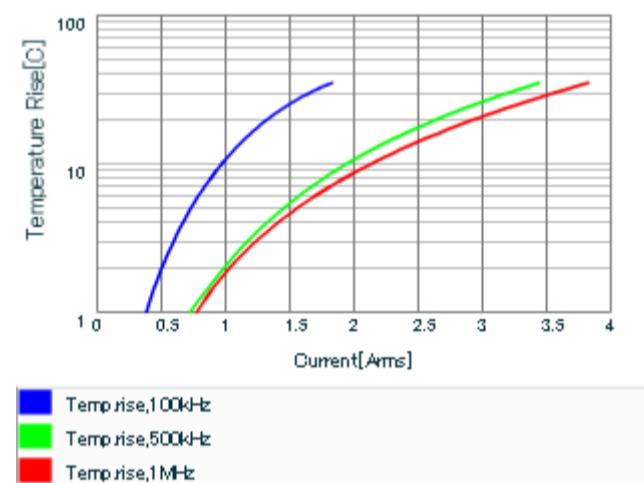
AC voltage characteristics



Capacitance - temperature characteristics



Calorific property by ripple current



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