

GRM31CD80G107ME39#

" # " indicates a package specification code.



< List of part numbers with package codes >
GRM31CD80G107ME39L

Shape

| | |
|---------------------------------------|--------------|
| | |
| L size | 3.2 ± 0.3mm |
| W size | 1.6 ± 0.3mm |
| T size | 1.6 ± 0.3mm |
| External terminal width e | 0.3 to 0.8mm |
| Distance between external terminals g | 1.5mm min. |
| Size code in inch(mm) | 1206 (3216) |

References

| Packaging | Specifications | Minimum quantity |
|-----------|-----------------------|------------------|
| L | 180mm Embossed taping | 2000 |

| Mass (typ.) | |
|-------------|------|
| 1 piece | 64mg |
| 180mm Reel | 169g |

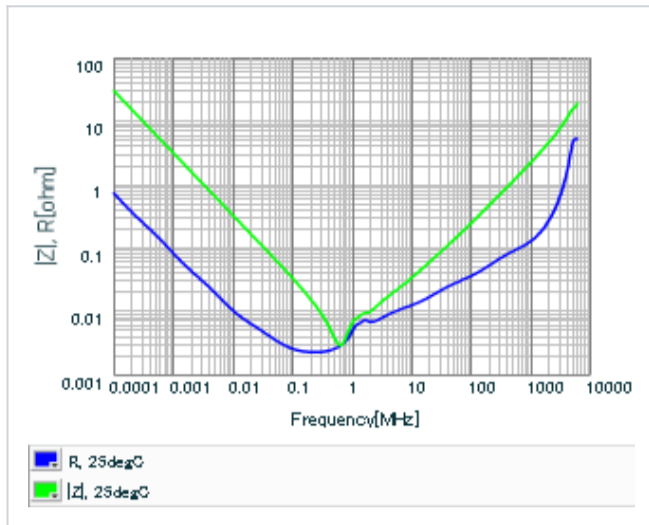
Specifications

| | |
|--|--------------|
| Capacitance | 100µF ± 20% |
| Rated voltage | 4Vdc |
| Temperature characteristics (complied standard) | X6T(EIA) |
| Capacitance change rate | +22.0/-33.0% |
| Temperature range of temperature characteristics | -55 to 105 |
| Operating temperature range | -55 to 105 |

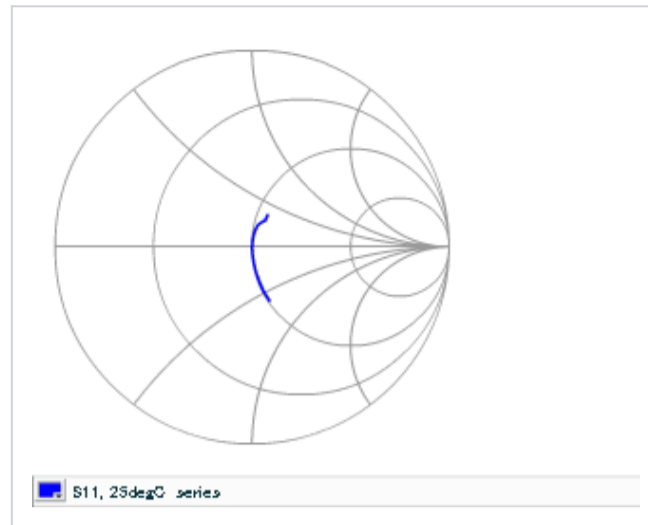
⚠ Attention

- 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.

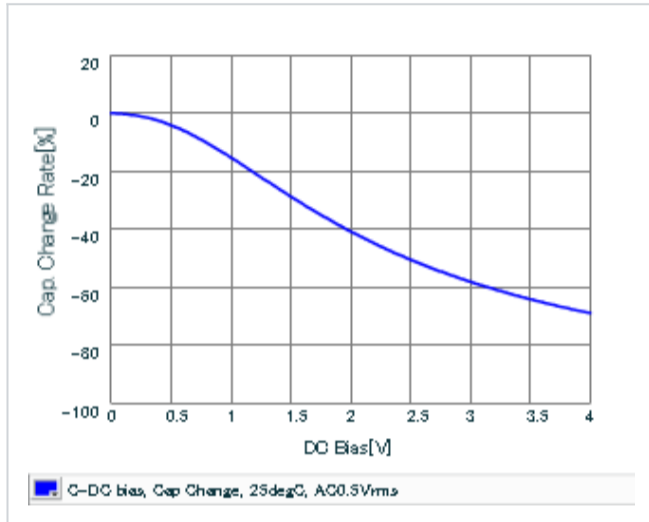
▪ Frequency characteristics (ESR, Impedance)



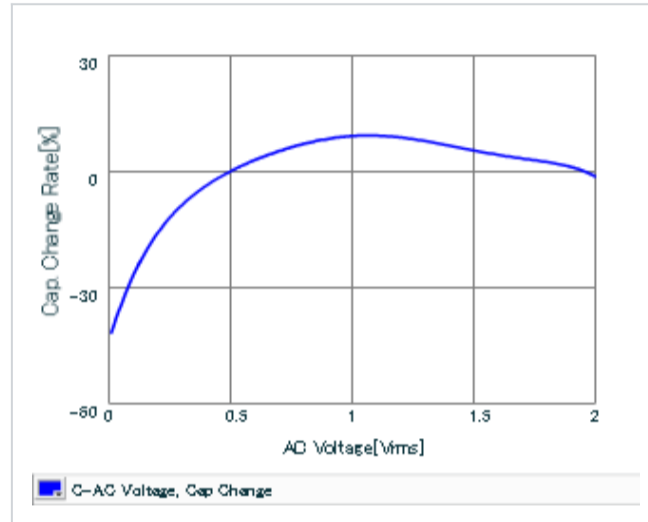
▪ S parameter (Smith chart S11)



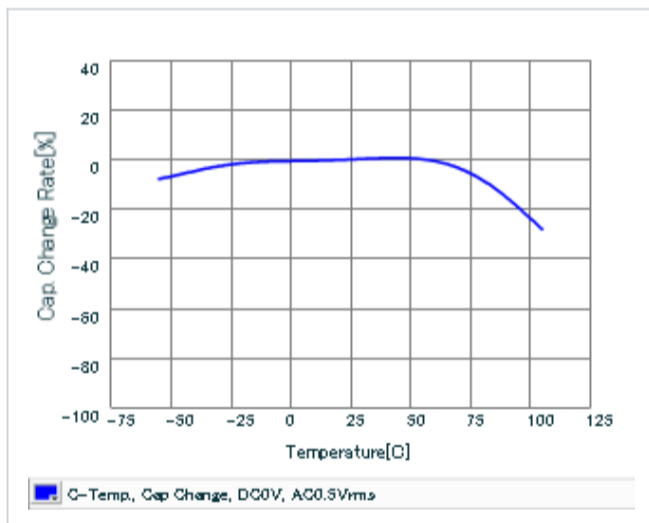
▪ DC bias characteristics



▪ AC voltage characteristics



▪ Capacitance - temperature characteristics



▪ Calorific property by ripple current

