

GRM188R60J106ME47#

" # " indicates a package specification code.



< List of part numbers with package codes >
GRM188R60J106ME47D , GRM188R60J106ME47J

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 0.55mm |
| Distance between external terminals g | 0.6mm min. |
| Size code in inch(mm) | 0603 (1608) |

References

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

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

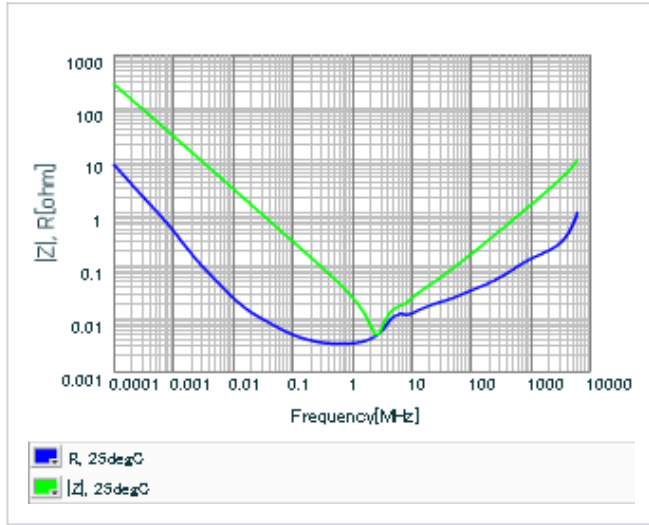
Specifications

| | |
|--|------------|
| Capacitance | 10μF ± 20% |
| Rated voltage | 6.3Vdc |
| Temperature characteristics (complied standard) | X5R(EIA) |
| Capacitance change rate | ± 15.0% |
| Temperature range of temperature characteristics | -55 to 85 |
| Operating temperature range | -55 to 85 |

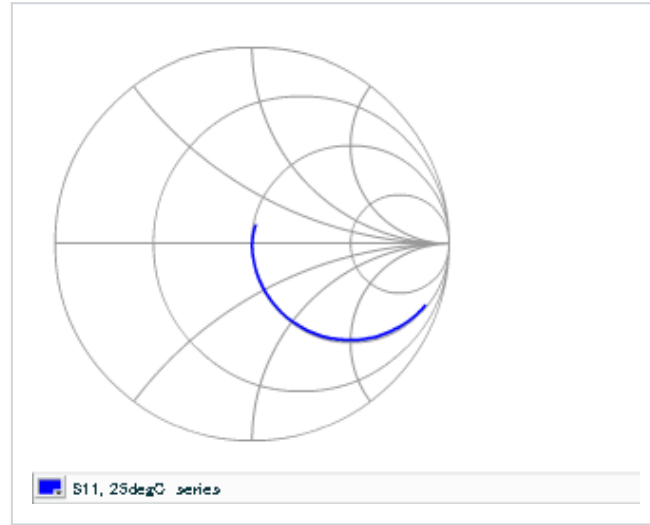
⚠ Attention

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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.

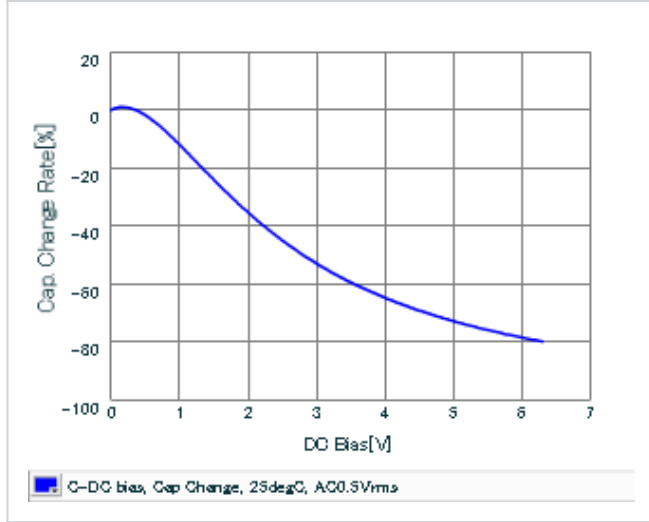
▪ Frequency characteristics (ESR, Impedance)



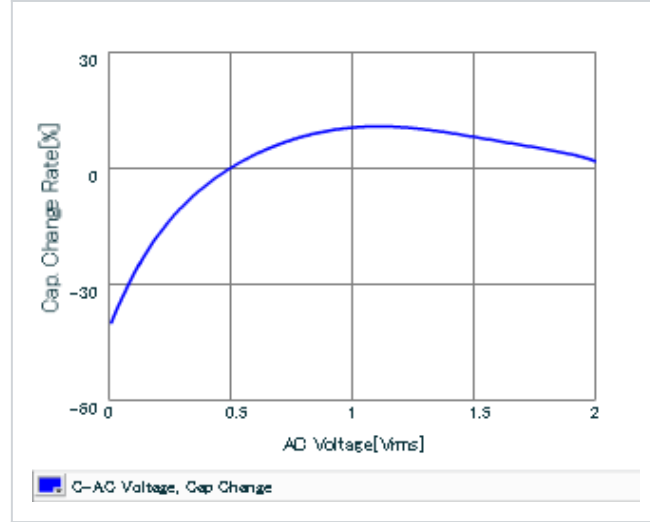
▪ S parameter (Smith chart S11)



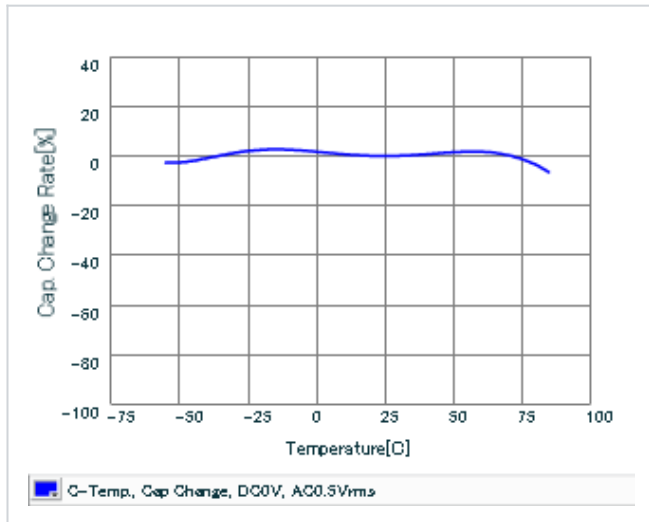
▪ DC bias characteristics



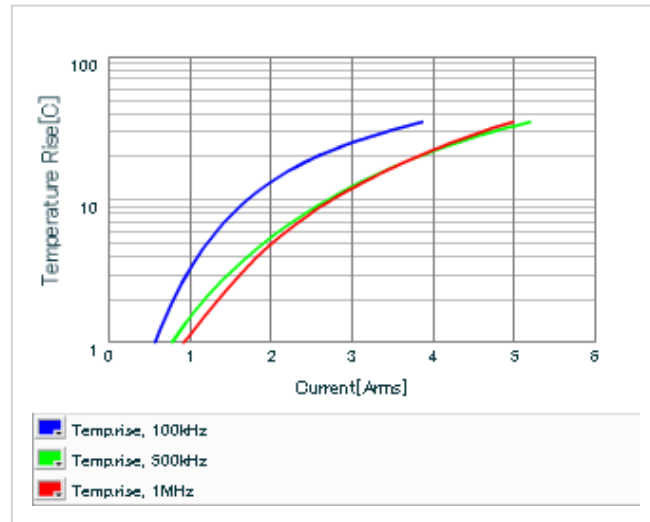
▪ AC voltage characteristics



▪ Capacitance - temperature characteristics



▪ Calorific property by ripple current



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