

GRM21BR71C225KA12#

" # " indicates a package specification code.

Recommended


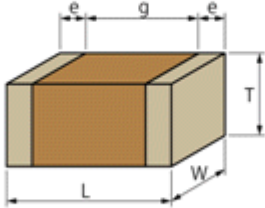
Flow OK

Reflow OK

Complies with RoHS

< List of part numbers with package codes >
GRM21BR71C225KA12L , GRM21BR71C225KA12K

Shape



| | |
|---------------------------------------|--------------|
| L size | 2.0 ± 0.1mm |
| W size | 1.25 ± 0.1mm |
| T size | 1.25 ± 0.1mm |
| External terminal width e | 0.2 to 0.7mm |
| Distance between external terminals g | 0.7mm min. |
| Size code in inch(mm) | 0805 (2012) |

References

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

| Mass (typ.) | |
|-------------|------|
| 1 piece | 17mg |
| 180mm Reel | 102g |

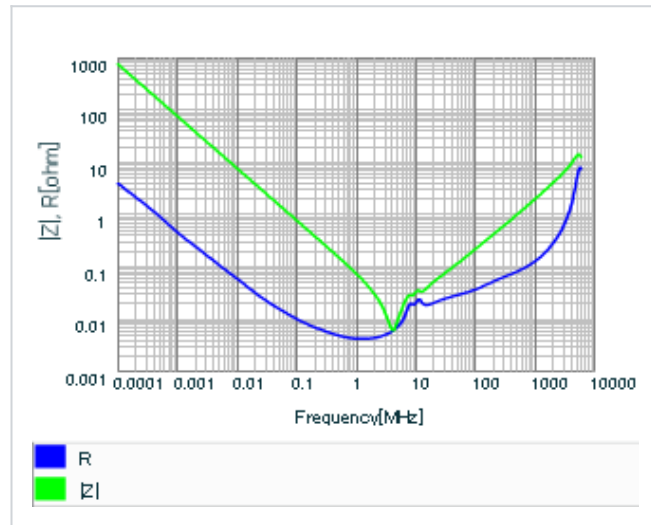
Specifications

| | |
|--|-------------|
| Capacitance | 2.2μF ± 10% |
| Rated voltage | 16Vdc |
| Temperature characteristics (complied standard) | X7R(EIA) |
| Capacitance change rate | ± 15.0% |
| Temperature range of temperature characteristics | -55 to 125 |
| Operating temperature range | -55 to 125 |

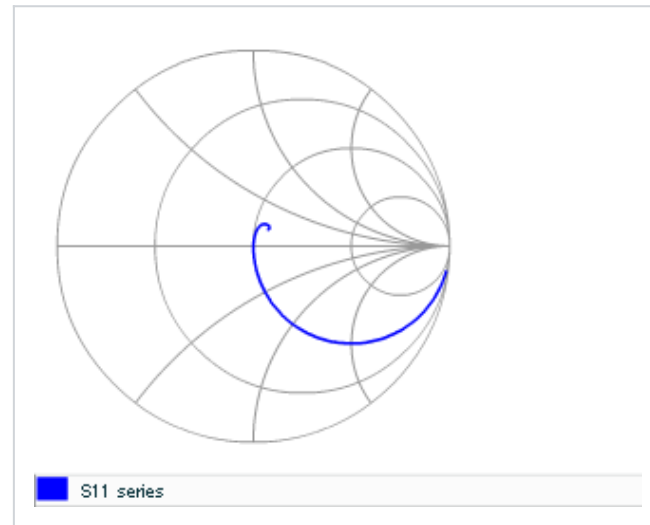
⚠ Attention

- 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.

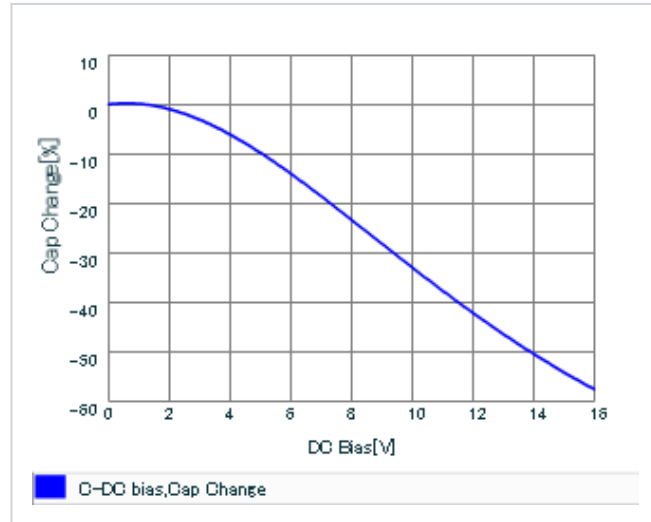
▪ Frequency characteristics (ESR, Impedance)



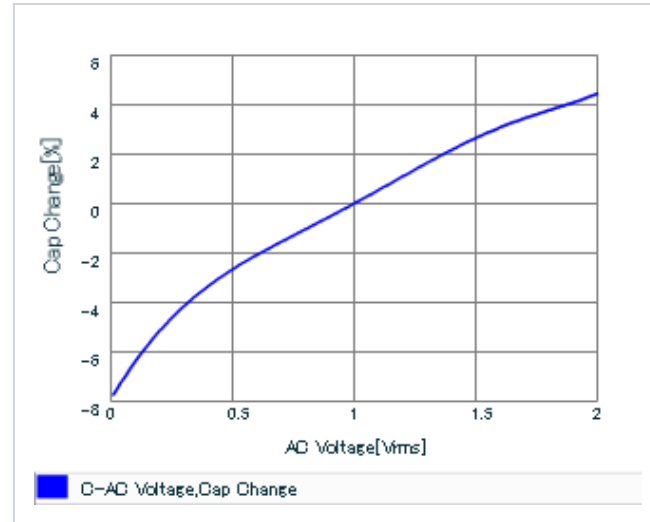
▪ S parameter (Smith chart S11)



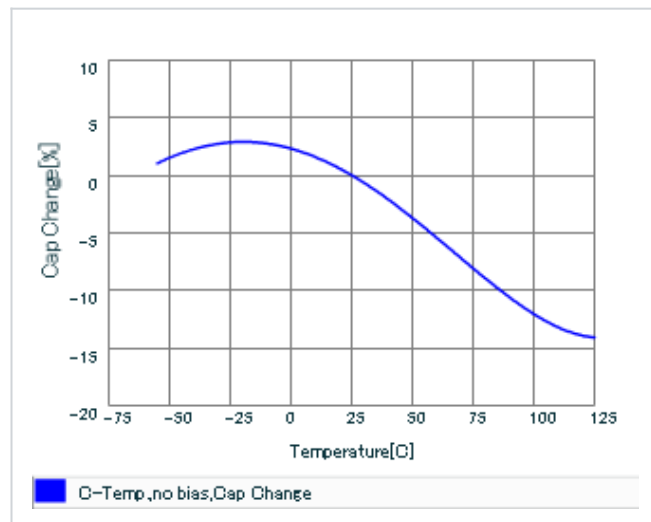
▪ DC bias characteristics



▪ AC voltage characteristics



▪ Capacitance - temperature characteristics



▪ Calorific property by ripple current

