

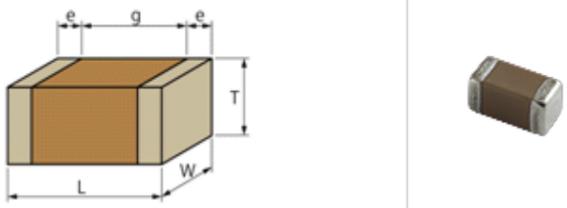
GRM32RR71H105KA01#

" # " indicates a package specification code.

Available  

< List of part numbers with package codes >
 GRM32RR71H105KA01L , GRM32RR71H105KA01K , GRM32RR71H105KA01B

Shape

| | |
|---|-------------|
|  | |
| L size | 3.2 ± 0.3mm |
| W size | 2.5 ± 0.2mm |
| T size | 1.8 ± 0.2mm |
| External terminal width e | 0.3mm min. |
| Distance between external terminals g (Min.) | 1.0mm |
| Size code in mm(inch) | 3225 (1210) |

References

| Packaging | Specifications | Minimum quantity |
|-----------|------------------------|------------------|
| L | Embossed tape (180mm) | 1000 |
| K | Embossed tape (330mm) | 4000 |
| B | Packing in bulk | 1000 |

| Mass (typ.) | |
|---------------|------|
| 1 piece | 85mg |
| Reel (180mm) | 116g |

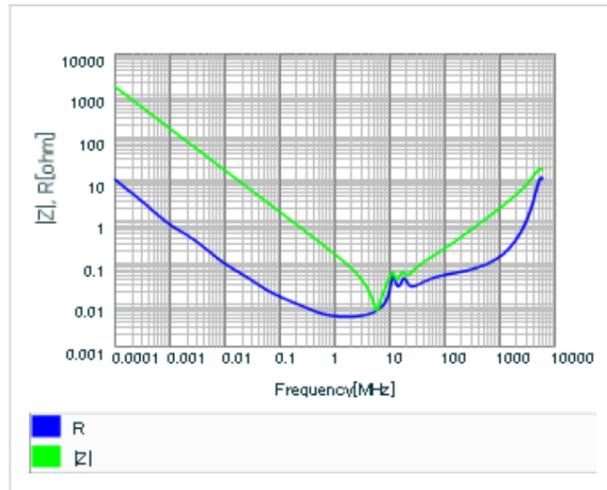
Specifications

| | |
|--|-------------|
| Capacitance | 1.0µF ± 10% |
| Rated voltage | 50Vdc |
| Temperature characteristics (complied standard) | X7R(EIA) |
| Capacitance change rate | ± 15% |
| Temperature range of temperature characteristics | -55 to 125 |
| Operating temperature range | -55 to 125 |

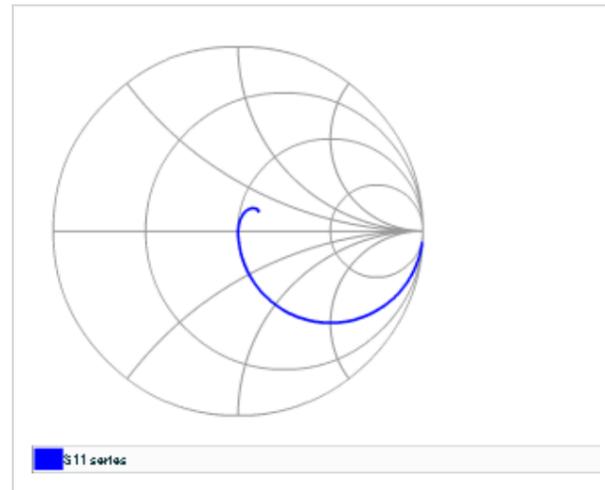
Attention

- 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.

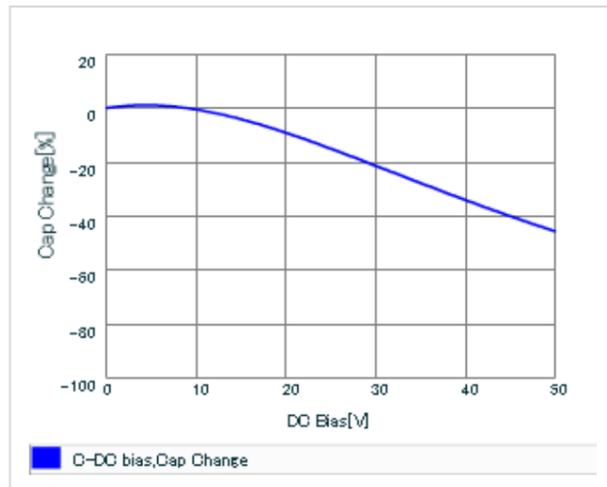
▪ Frequency characteristics (ESR, Impedance)



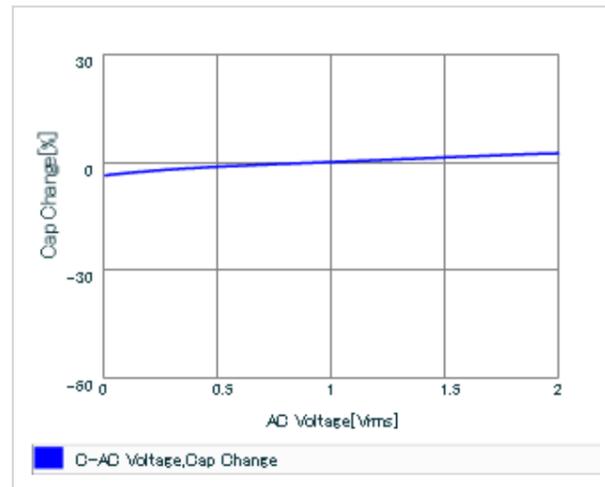
▪ S parameter (Smith chart S11)



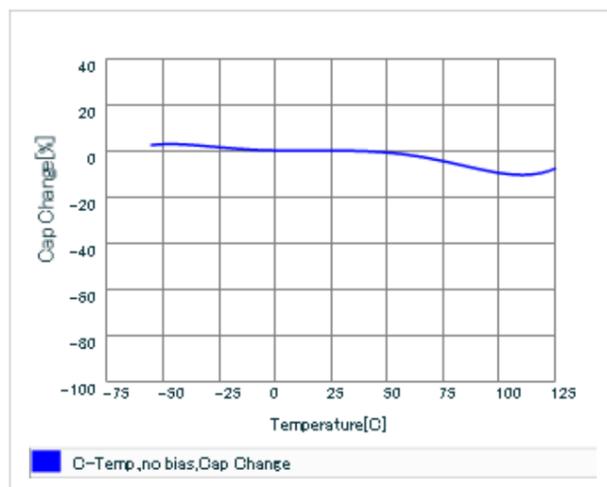
▪ DC bias characteristics



▪ AC voltage characteristics



▪ Capacitance - temperature characteristics



▪ Calorific property by ripple current

