

# GRM2162C2A101JA01#

" # " indicates a package specification code.



< List of part numbers with package codes >  
 GRM2162C2A101JA01D , GRM2162C2A101JA01J , GRM2162C2A101JA01C , GRM2162C2A101JA01B

## Shape



|  |              |
|--|--------------|
| L size                                       | 2.0 ± 0.1mm  |
| W size                                       | 1.25 ± 0.1mm |
| T size                                       | 0.6 ± 0.1mm  |
| External terminal width e                    | 0.2 to 0.7mm |
| Distance between external terminals g (Min.) | 0.7mm        |
| Size code in mm(inch)                        | 2012 (0805)  |

## References

| Packaging | Specifications      | Minimum quantity |
|-----------|---------------------|------------------|
| D         | Paper tape ( 180mm) | 4000             |
| J         | Paper tape ( 330mm) | 10000            |
| C         | Bulk case           | 10000            |
| B         | Packing in bulk     | 1000             |

| Mass (typ.)   |       |
|---------------|-------|
| 1 piece       | 6.4mg |
| Reel ( 180mm) | 126g  |

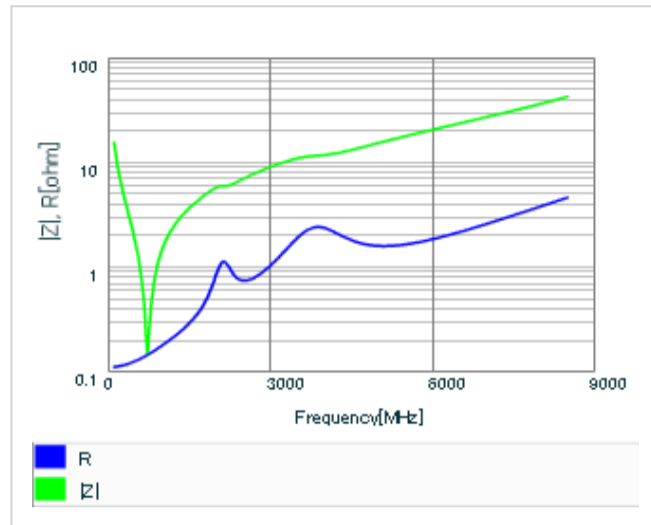
## Specifications

|  |            |
|--|------------|
| Capacitance                                      | 100pF ± 5% |
| Rated voltage                                    | 100Vdc     |
| Temperature characteristics (complied standard)  | CH(JIS)    |
| Temperature coefficient                          | 0 ± 60ppm/ |
| Temperature range of temperature characteristics | 20 to 125  |
| Operating temperature range                      | -55 to 125 |

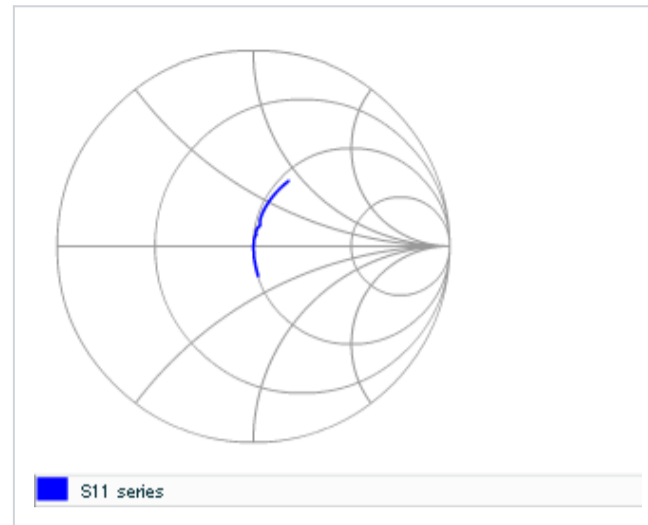
### ⚠ Attention

- 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.

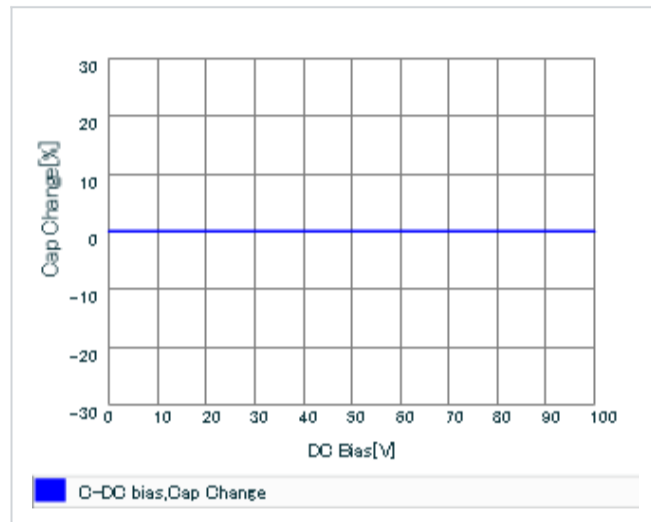
▪ Frequency characteristics (ESR, Impedance)



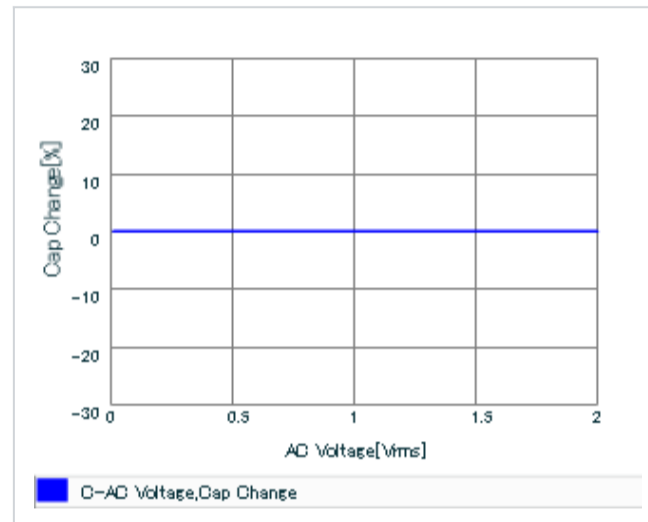
▪ S parameter (Smith chart S11)



▪ DC bias characteristics



▪ AC voltage characteristics



▪ Capacitance - temperature characteristics

