

GRM2191X1H223JA01#

"#" indicates a package specification code.



< List of part numbers with package codes >
 GRM2191X1H223JA01D , GRM2191X1H223JA01J , GRM2191X1H223JA01B

Shape



| | |
|----------------------------------------------|--------------|
| L size | 2.0 ± 0.1mm |
| W size | 1.25 ± 0.1mm |
| T size | 0.85 ± 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 |
| B | Packing in bulk | 1000 |

| Mass (typ.) | |
|---------------|-------|
| 1 piece | 9.5mg |
| Reel (180mm) | 142g |

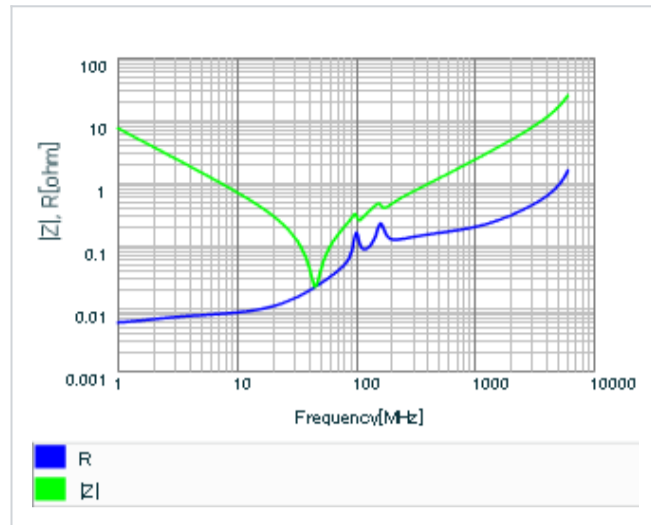
Specifications

| | |
|--------------------------------------------------|-------------------|
| Capacitance | 22000pF ± 5% |
| Rated voltage | 50Vdc |
| Temperature characteristics (complied standard) | SL(JIS) |
| Temperature coefficient | +350 to -1000ppm/ |
| Temperature range of temperature characteristics | 20 to 85 |
| Operating temperature range | -55 to 125 |

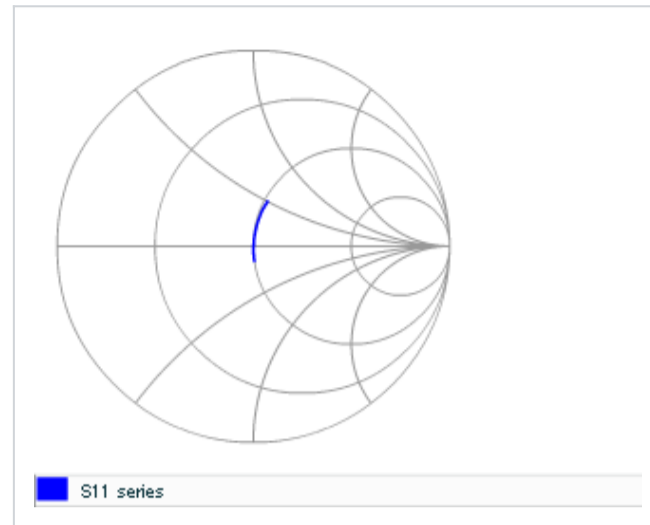
⚠ Attention

- 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.

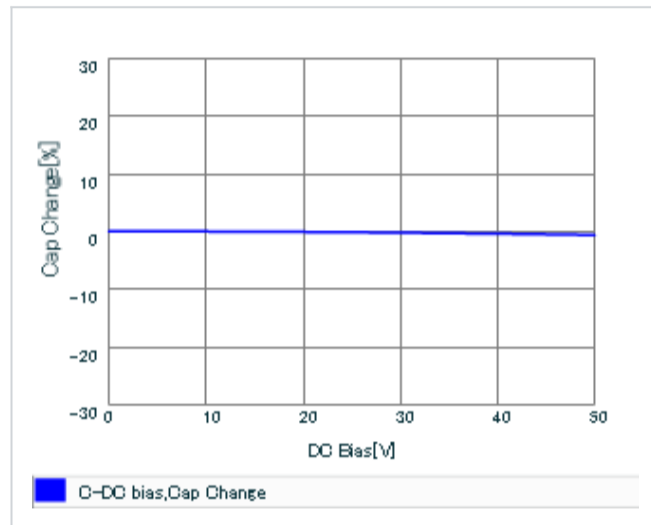
▪ Frequency characteristics (ESR, Impedance)



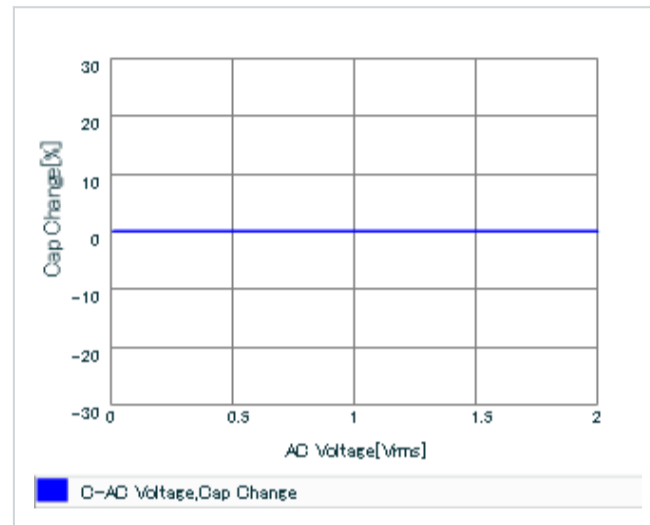
▪ S parameter (Smith chart S11)



▪ DC bias characteristics



▪ AC voltage characteristics



▪ Capacitance - temperature characteristics

