

# GRM1555C1H150JA01#

"#" indicates a package specification code.



< List of part numbers with package codes >  
 GRM1555C1H150JA01D , GRM1555C1H150JA01W , GRM1555C1H150JA01J

## Shape

|                                       |                |
|---------------------------------------|----------------|
| L size                                | 1.0 ± 0.05mm   |
| W size                                | 0.5 ± 0.05mm   |
| T size                                | 0.5 ± 0.05mm   |
| External terminal width e             | 0.15 to 0.35mm |
| Distance between external terminals g | 0.3mm min.     |
| Size code in mm(inch)                 | 1005 (0402)    |

## References

| Packaging | Specifications   | Minimum quantity |
|-----------|--|------------------|
| D         | φ 180mm Paper taping   | 10000            |
| J         | φ 330mm Paper taping   | 50000            |
| W         | φ 180mm Paper taping (W8P1*)<br>*Width : 8mm, Pocket pitch : 1mm | 20000            |

| Mass (typ.)  |       |
|--------------|-------|
| 1 piece      | 1.6mg |
| φ 180mm Reel | 118g  |

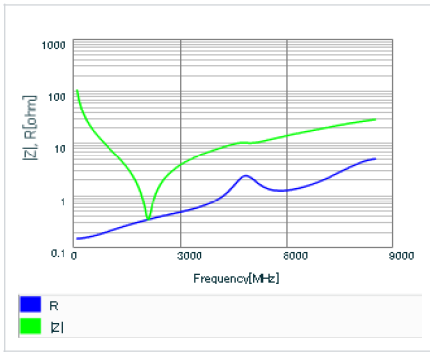
## Specifications

|  |              |
|--|--------------|
| Capacitance                                      | 15pF ± 5%    |
| Rated voltage                                    | 50V dc       |
| Temperature characteristics (complied standard)  | C0G(EIA)     |
| Temperature coefficient                          | 0± 30ppm/°C  |
| Temperature range of temperature characteristics | 25 to 125°C  |
| Operating temperature range                      | -55 to 125°C |

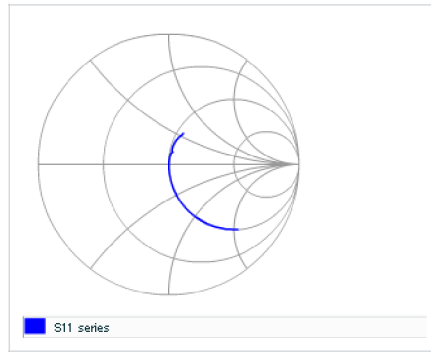
### ⚠ Attention

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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.

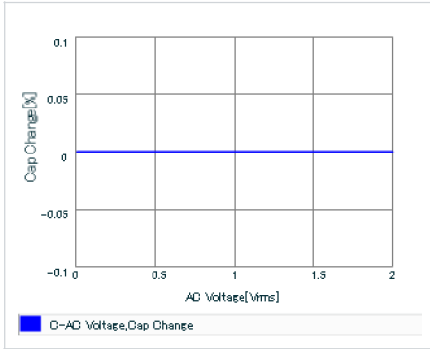
▪ Frequency characteristics (ESR, Impedance)



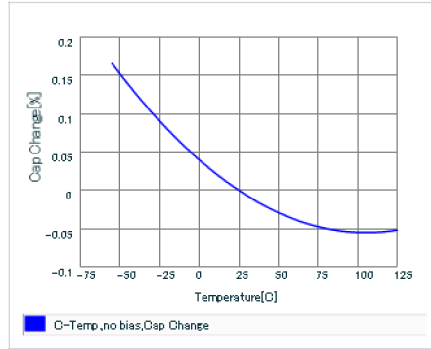
▪ S parameter (Smith chart S11)



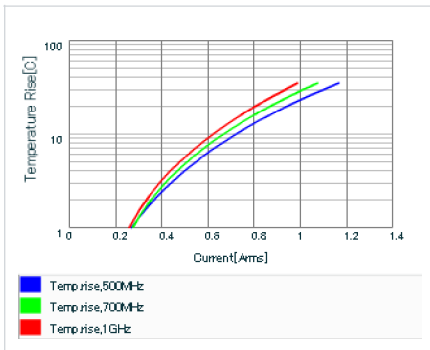
▪ AC voltage characteristics



▪ Capacitance - temperature characteristics



▪ Calorific property by ripple current



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