Capacitor data sheet

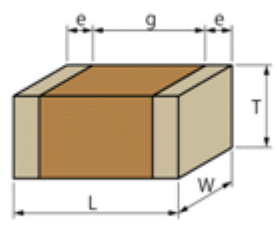
# GRM155R71C104KA88#

" # " indicates a package specification code.

Available | Reflow OK | Complies with RoHS

< List of part numbers with package codes >
GRM155R71C104KA88D , GRM155R71C104KA88W , GRM155R71C104KA88J

## 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 (Min.) | 0.3mm |
| Size code in mm(inch) | 1005 (0402) |

## Specifications

| | |
|---|---|
| Capacitance | 0.10μF ±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℃ |

## References

| Packaging | Specifications | Minimum quantity |
|---|---|---|
| D | φ180mm Paper taping | 10000 |
| J | φ330mm Paper taping | 50000 |
| W | φ180mm Paper taping (W8P1*)<br>* Width : 8mm, Pocket pitch : 1mm | 20000 |

| Mass (typ.) | |
|---|---|
| 1 piece | 1.6mg |
| φ180mm Reel | 118g |



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.

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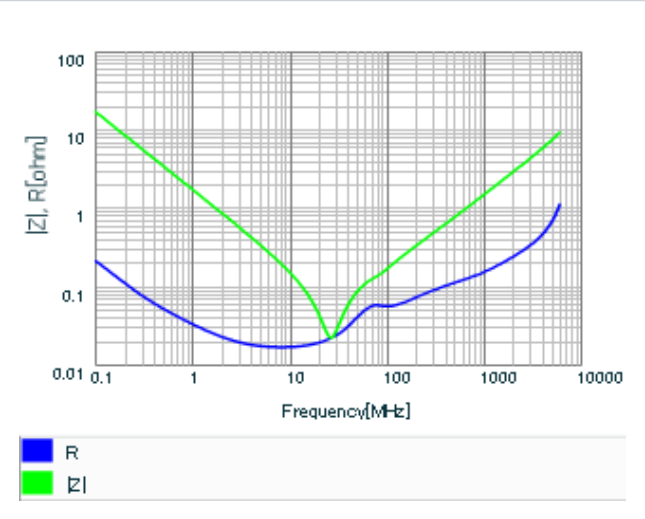
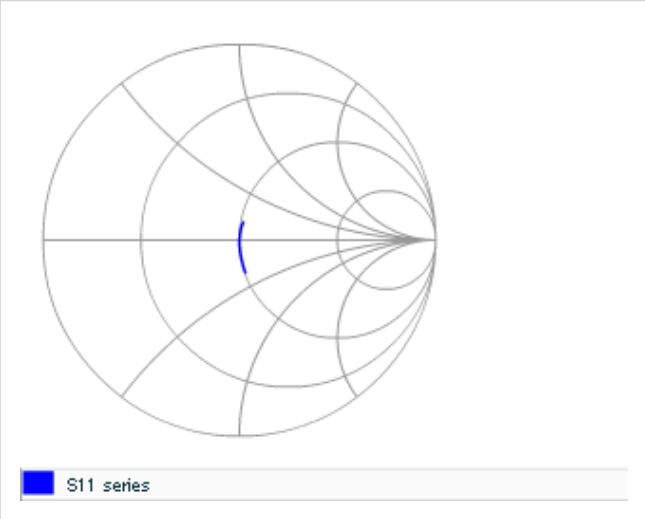
URL : http://www.murata.co.jp/
Last updated: 2013/04/01

## Chart of characteristic data (The charts below may show another part number which shares its characteristics.)

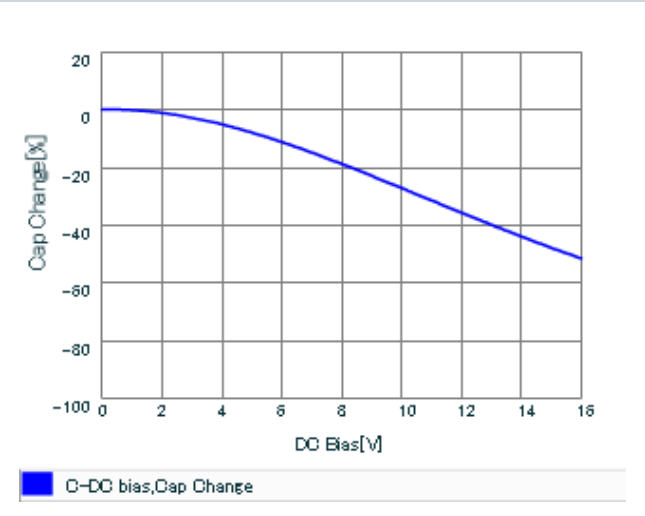
- Frequency characteristics (ESR, Impedance)



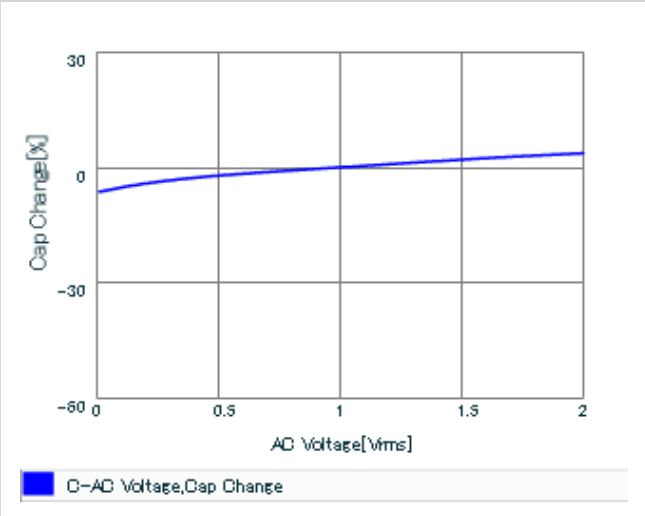

- S parameter (Smith chart S11)



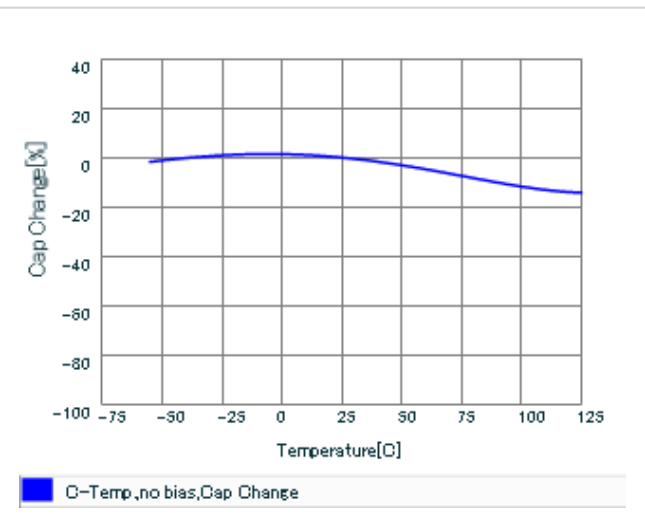

- DC bias characteristics



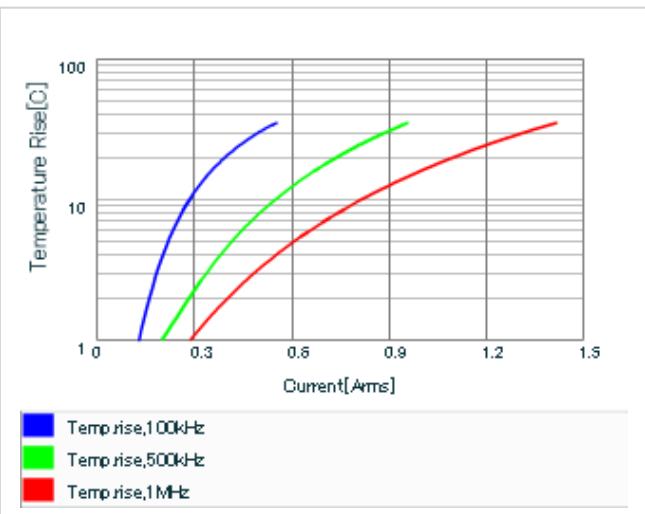

- AC voltage characteristics




- Capacitance - temperature characteristics




- Calorific property by ripple current



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Last updated: 2013/04/01