

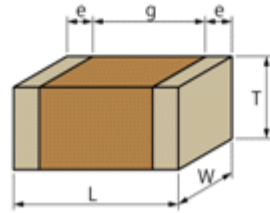
GRM155R71C104KA88#

" # " indicates a package specification code.

Available  

< 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 | 0.3mm min. |
| 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

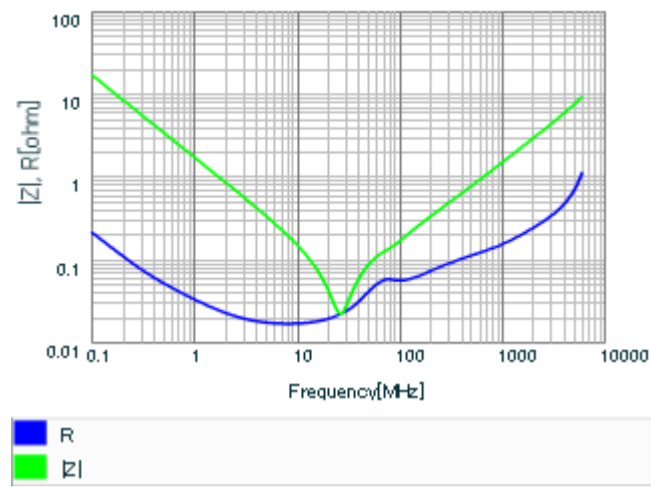
| Packaging | Specifications | Minimum quantity |
|-----------|---|------------------|
| D | 180mm Paper taping | 10000 |
| J | 330mm Paper taping | 50000 |
| W | 180mm Paper taping (W8P1*) * Width : 8mm, Pocket pitch : 1mm | 20000 |

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

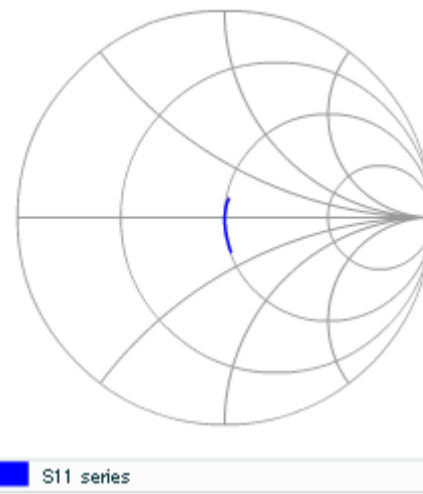
 **Attention**

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- 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.

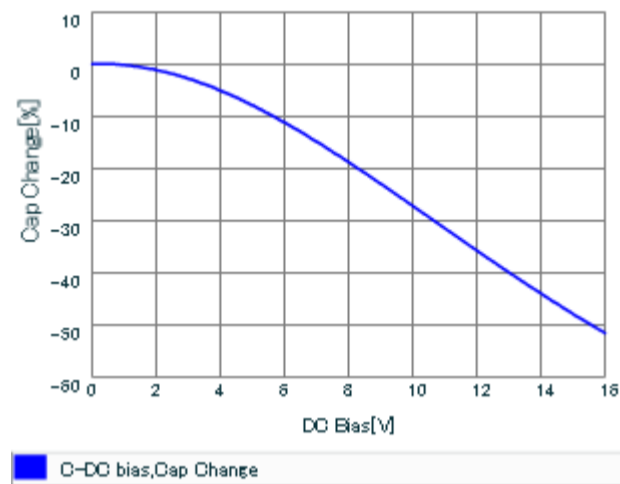
Frequency characteristics (ESR, Impedance)



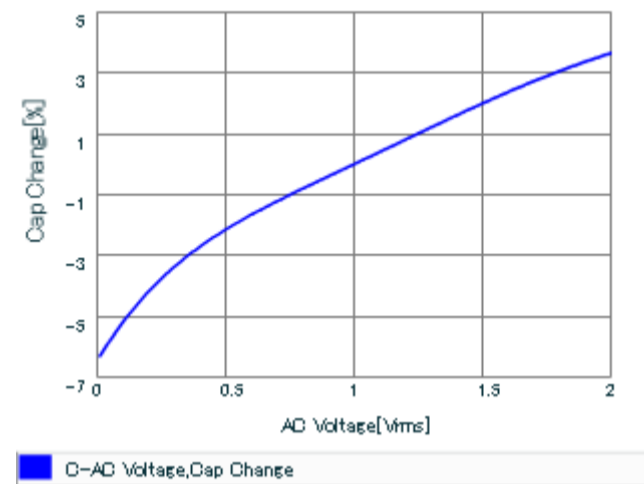
S parameter (Smith chart S11)



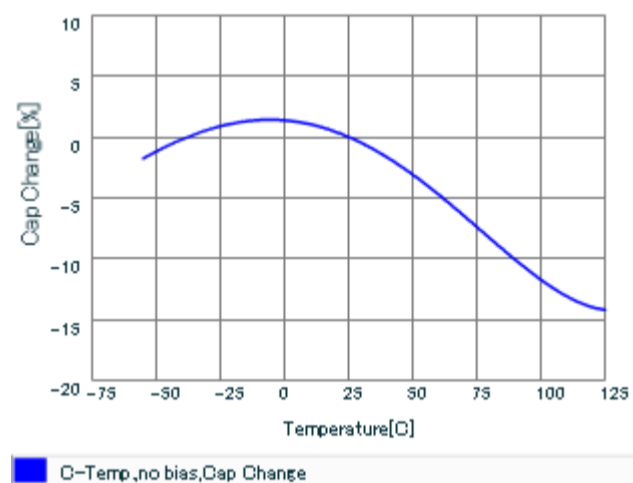
DC bias characteristics



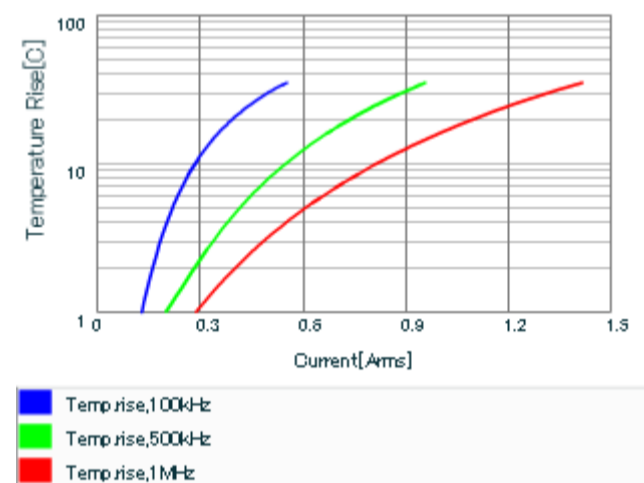
AC voltage characteristics



Capacitance - temperature characteristics



Calorific property by ripple current



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