# GRM1555C1H470JZ01#

"#" indicates a package specification code.

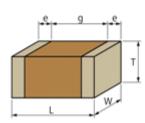




< List of part numbers with package codes >

GRM1555C1H470JZ01D , GRM1555C1H470JZ01W , GRM1555C1H470JZ01J

#### Shape





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

#### Specifications

Capacitance  $47pF \pm 5\%$ Rated voltage 50Vdc COG(EIA) Temperature characteristics (complied standard) Temperature coefficient  $0 \pm 30 \text{ppm}/$ Temperature range of temperature characteristics 25 to 125 -55 to 125 Operating temperature range

#### Notes

Please use replacements or Recommended.

### References

| 110101011000 |   |                |       |       |                  |
|--------------|---|----------------|-------|-------|------------------|
| 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  |       |                  |

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## 🔔 Attention

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2. This datasheet has only typical specifications because there is no space for detailed specifications.

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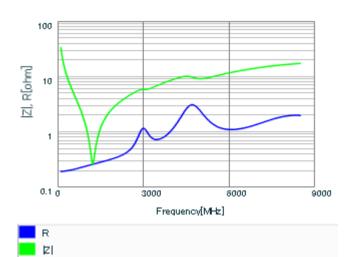
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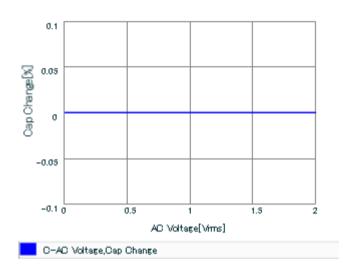
Last updated: 2013/10/20

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

Frequency characteristics (ESR, Impedance)



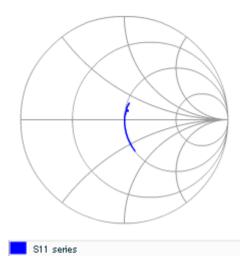
AC voltage characteristics



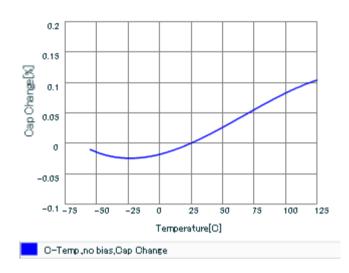
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S parameter (Smith chart S11)



Capacitance - temperature characteristics



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