

# GRT1555C2A100JA02#

“#” at the end indicates the package specification code.



## < List of part numbers with package codes >

GRT1555C2A100JA02D  
GRT1555C2A100JA02V

GRT1555C2A100JA02W

GRT1555C2A100JA02J

## Applications

|                         |                                                                                                                                                                                                                                                                                                                                                                                                      |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Unsuitable Applications | Please be sure to read and comply with these "Precautions for use."                                                                                                                                                                                                                                                                                                                                  |
| Specific Applications   | Automotive infotainment/comfort equipment, Industrial Equipment, Medical equipment [GHTF A/B/C] except for implant equipment<br>Please refer to Our Website and specifications, etc. for information about the performance, functions, quality, management, and safety required for the above applications, and use Products after confirming the performance and reliability of the actual Product. |

## Appearance & Shape



## Notices

Derating1

## References

| Packaging | Specifications              | Standard Packing Quantity |
|-----------|-----------------------------|---------------------------|
| D         | φ180mm Reel Paper Tape      | 10000                     |
| W         | φ180mm Reel W8P1 Paper Tape | 20000                     |
| J         | φ330mm Reel Paper Tape      | 50000                     |
| V         | φ330mm Reel W8P1 Paper Tape | 100000                    |

| Mass (typ.) |       |
|-------------|-------|
| 1 piece     | 1.6mg |

### Attention

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

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## Specifications

|                                                  |                |
|--------------------------------------------------|----------------|
| Length                                           | 1.0±0.05mm     |
| Width                                            | 0.5±0.05mm     |
| Thickness                                        | 0.5±0.05mm     |
| Capacitance                                      | 10pF ±5%       |
| Distance between external terminals g            | 0.3mm min.     |
| External terminal size e                         | 0.15 to 0.35mm |
| Operating Temperature Range                      | -55°C to 125°C |
| Rated Voltage                                    | 100Vdc         |
| Size code in inch(mm)                            | 0402 (1005M)   |
| TC                                               | 0±30ppm/°C     |
| Temperature characteristics (complied standard)  | C0G(EIA)       |
| Temperature range of temperature characteristics | 25°C to 125°C  |

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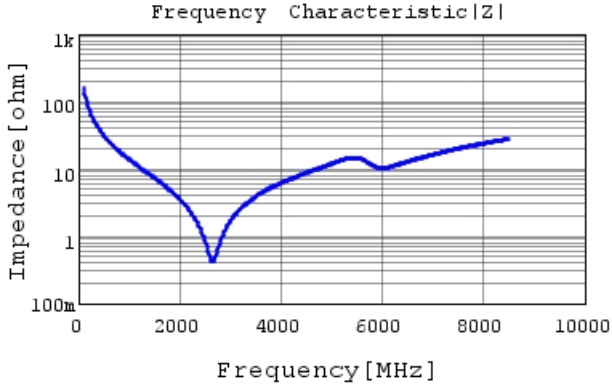
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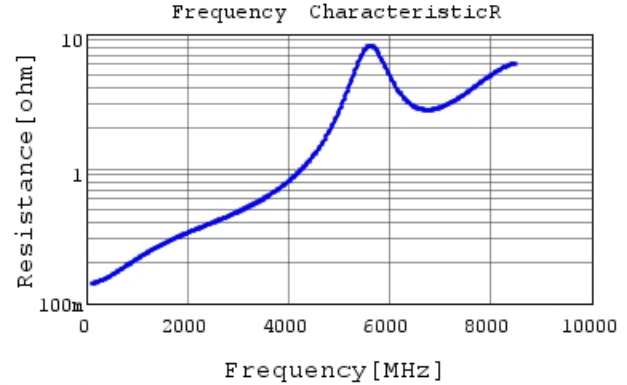


## Characteristic Data

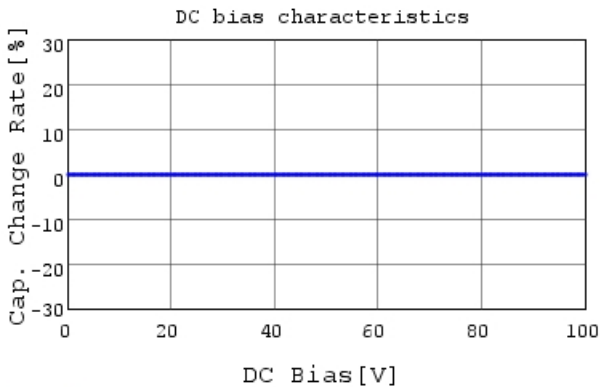
The charts below may show another part number which shares its characteristics.



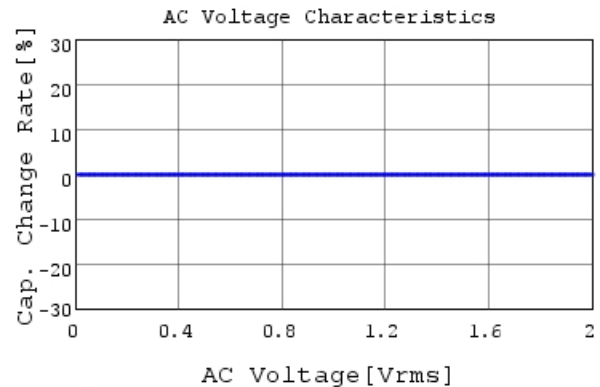
GRT1555C2A100JA02 |Z| DCOV,25degC



GRT1555C2A100JA02 R DCOV,25degC



GRT1555C2A100JA02 C-DC bias capchange, 25.0C



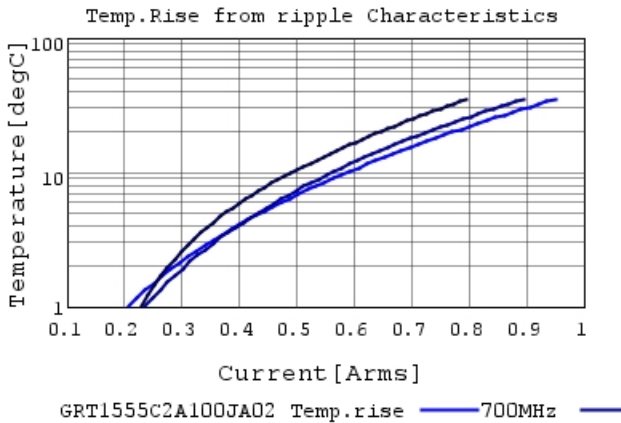
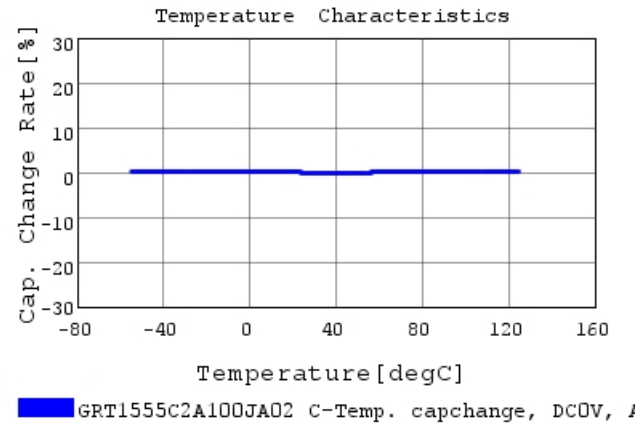
GRT1555C2A100JA02 C-AC Voltage capchange, Dc

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