

# GRT033R60J223KE01#

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



## < List of part numbers with package codes >

GRT033R60J223KE01D

GRT033R60J223KE01W

GRT033R60J223KE01J

GRT033R60J223KE01V

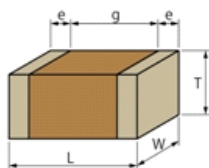
## Applications

|                         |  |
|-------------------------|--|
| 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. |

## Notices

Derating1

## Appearance & Shape



## References

| Packaging | Specifications              | Standard Packing Quantity |
|-----------|-----------------------------|---------------------------|
| D         | φ180mm Reel Paper Tape      | 15000                     |
| W         | φ180mm Reel W8P1 Paper Tape | 30000                     |
| J         | φ330mm Reel Paper Tape      | 50000                     |
| V         | φ330mm Reel W8P1 Paper Tape | 150000                    |

| Mass (typ.) |        |
|-------------|--------|
| 1 piece     | 0.33mg |

### Attention

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## Specifications

|  |               |
|--|---------------|
| Length   | 0.6±0.03mm    |
| Width  | 0.3±0.03mm    |
| Thickness  | 0.3±0.03mm    |
| Capacitance                                      | 22000pF ±10%  |
| Distance between external terminals g            | 0.2mm min.    |
| External terminal size e                         | 0.1 to 0.2mm  |
| Operating Temperature Range                      | -55°C to 85°C |
| Rated Voltage                                    | 6.3Vdc        |
| Size code in inch(mm)                            | 0201 (0603M)  |
| Capacitance change rate                          | ±15.0%        |
| Temperature characteristics (complied standard)  | X5R(EIA)      |
| Temperature range of temperature characteristics | -55°C to 85°C |

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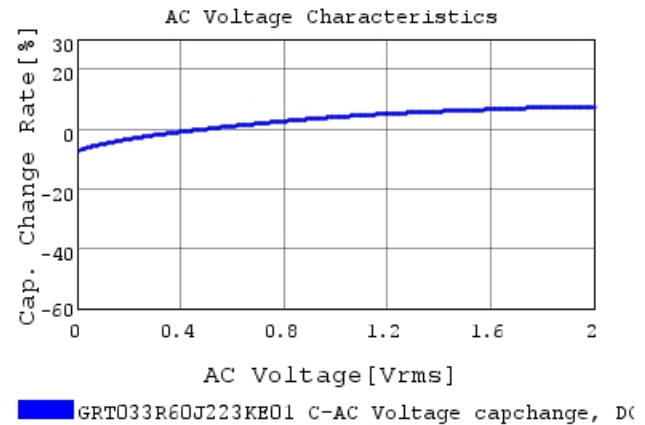
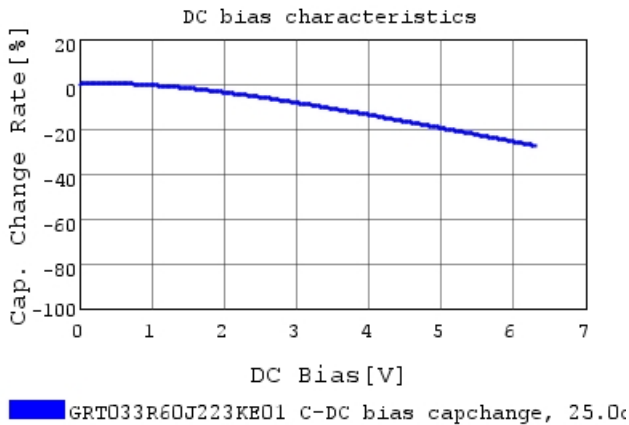
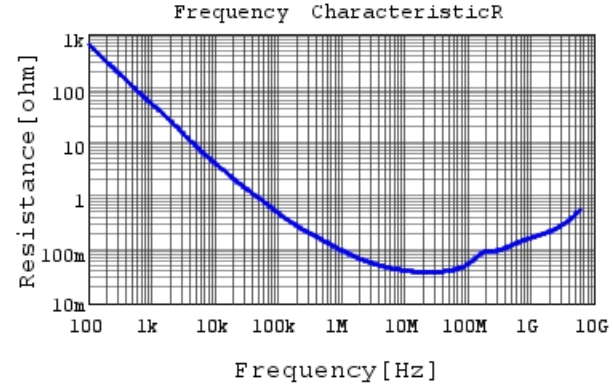
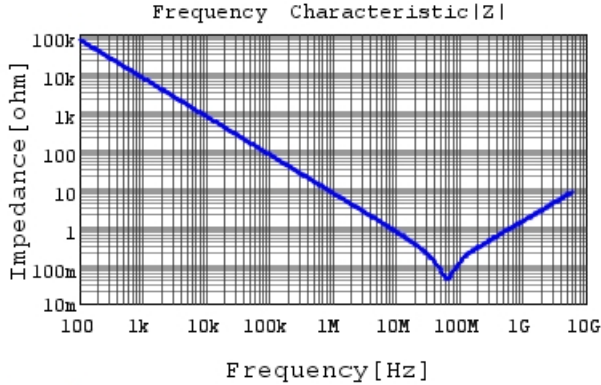
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## Characteristic Data

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



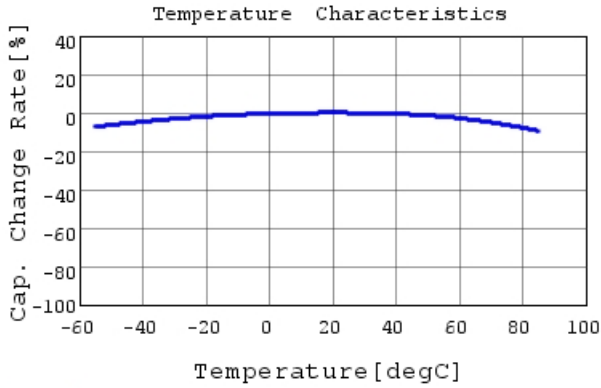
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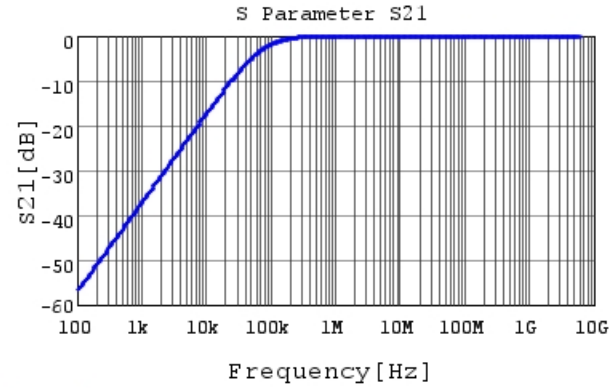


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GRT033R60J223KE01 C-Temp. capchange, DC0.0V,



GRT033R60J223KE01 S21 DC0V, 25degC

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