

# GRM21AR72E102KW01#

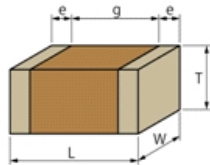
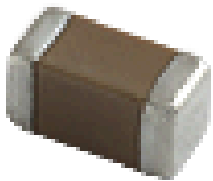
“#” indicates a package specification code.



< List of part numbers with package codes >

GRM21AR72E102KW01D      GRM21AR72E102KW01J

## Appearance & Shape



## References

| Packaging | Specifications   | Standard Packing Quantity |
|-----------|------------------|---------------------------|
| D         | 180mm Paper Tape | 4000                      |
| J         | 330mm Paper Tape | 10000                     |

| Mass (typ.) |        |
|-------------|--------|
| 1 piece     | 13.0mg |
| φ180mm Reel | 89g    |

### 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   | 2.0±0.2mm      |
| Width  | 1.25±0.2mm     |
| Thickness  | 1.0+0/-0.3mm   |
| Capacitance                                      | 1000pF ±10%    |
| Distance between external terminals g            | 0.7mm min.     |
| External terminal size e                         | 0.3mm min.     |
| Operating Temperature Range                      | -55°C to 125°C |
| Rated Voltage                                    | 250Vdc         |
| Size code in inch(mm)                            | 0805 (2012M)   |
| Capacitance change rate                          | ±15.0%         |
| Temperature characteristics (complied standard)  | X7R(EIA)       |
| Temperature range of temperature characteristics | -55°C to 125°C |

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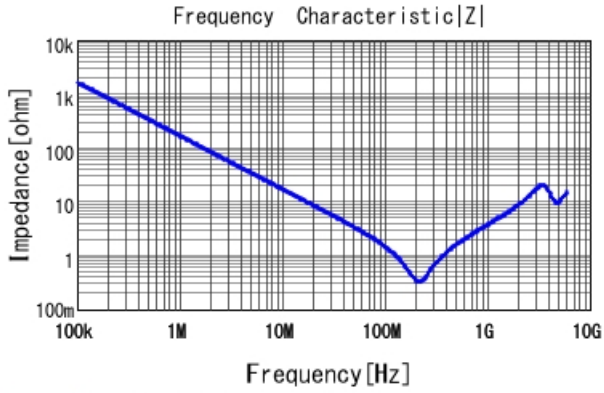
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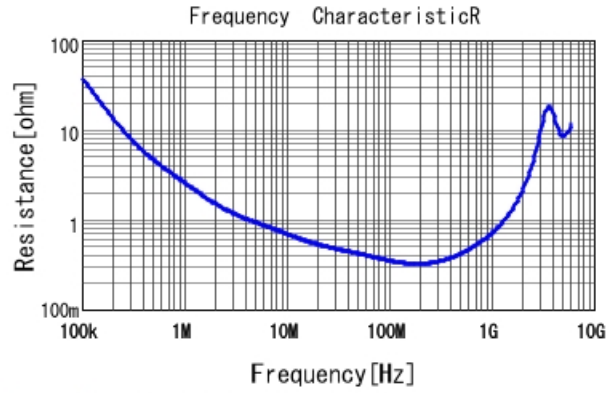


## Characteristic Data

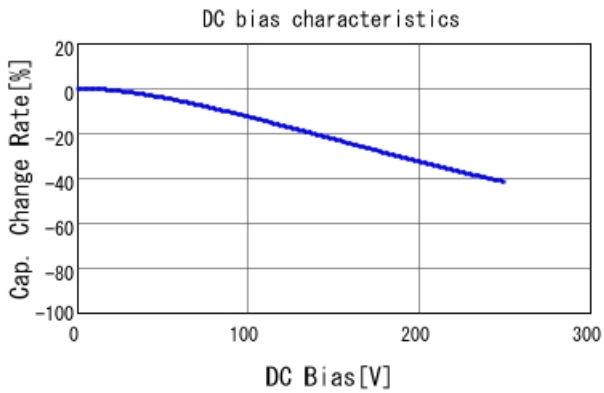
The charts below may show another part number which shares its characteristics.



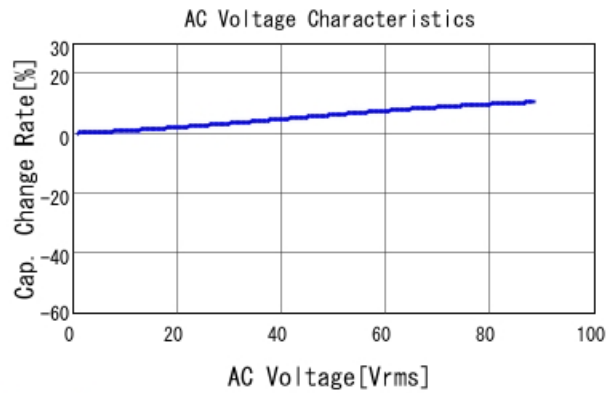
GRM21AR72E102KW01 |Z| DCOV, 25degC



GRM21AR72E102KW01 R DCOV, 25degC



GRM21AR72E102KW01 C-DC bias capchange, 25.0degC, A



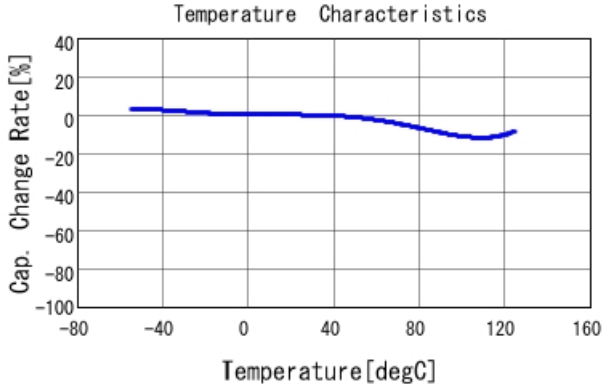
GRM21AR72E102KW01 C-AC Voltage capchange, DCOV, 25

**Attention**

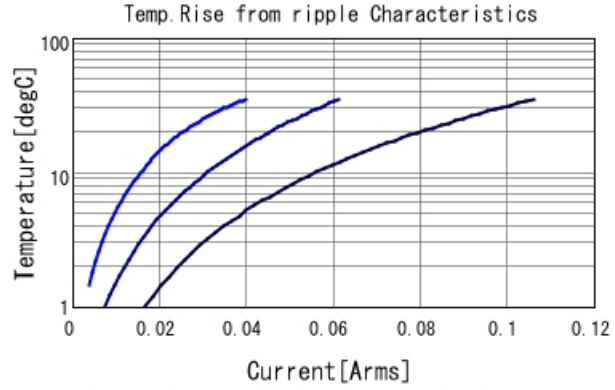
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GRM21AR72E102KW01 C-Temp. capchange, DCOV, AC1Vrms



GRM21AR72E102KW01 Temp. rise — 30kHz — 100kHz

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