

# GRM188R61H223KA01#

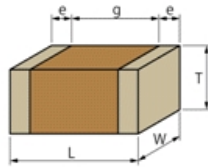
“#” indicates a package specification code.



< List of part numbers with package codes >

GRM188R61H223KA01D      GRM188R61H223KA01J

## Appearance & Shape



## References

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

| Mass (typ.) |       |
|-------------|-------|
| 1 piece     | 6.3mg |
| φ180mm Reel | 144g  |

### 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   | 1.6±0.1mm     |
| Width  | 0.8±0.1mm     |
| Thickness  | 0.8±0.1mm     |
| Capacitance                                      | 22000pF ±10%  |
| Distance between external terminals g            | 0.5mm min.    |
| External terminal size e                         | 0.2 to 0.5mm  |
| Operating Temperature Range                      | -55°C to 85°C |
| Rated Voltage                                    | 50Vdc         |
| Size code in inch(mm)                            | 0603 (1608M)  |
| 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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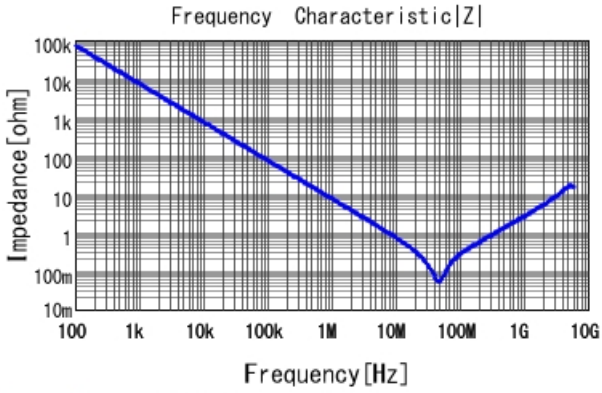
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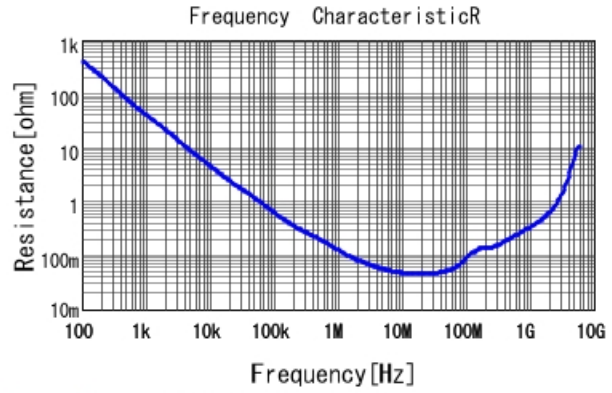


## Characteristic Data

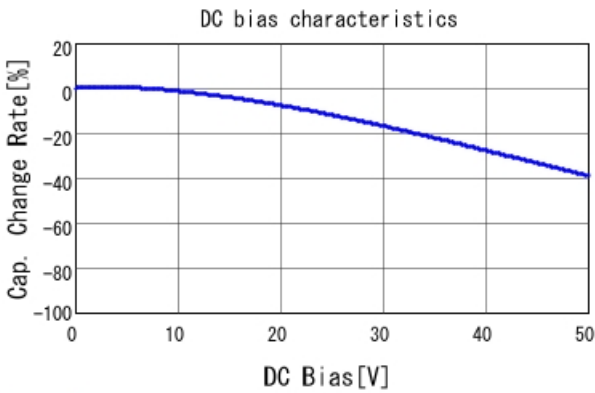
The charts below may show another part number which shares its characteristics.



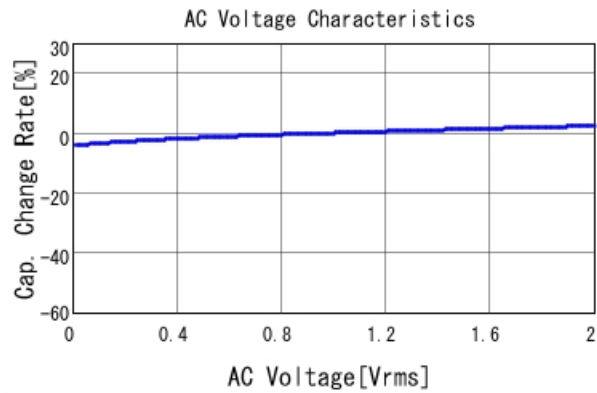
GRM188R61H223KA01 |Z| DCOV, 25degC



GRM188R61H223KA01 R DCOV, 25degC



GRM188R61H223KA01 C-DC bias capchange, 25.0degC, A



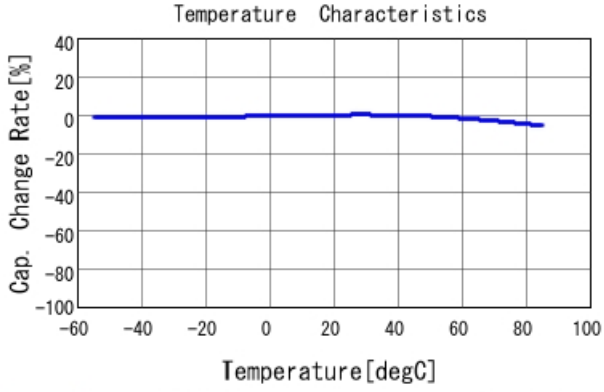
GRM188R61H223KA01 C-AC Voltage capchange, DCOV, 25

**Attention**

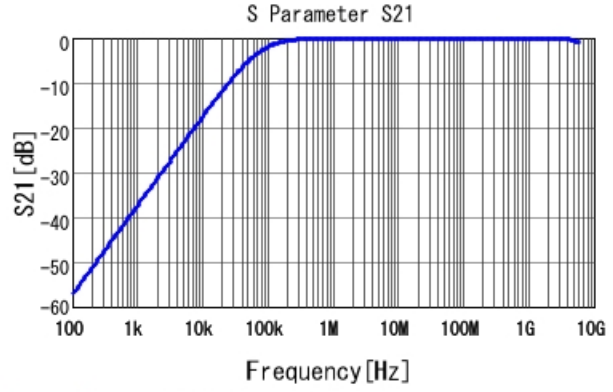
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GRM188R61H223KA01 C-Temp. capchange, DC0.0V, AC1.C



GRM188R61H223KA01 S21 DC0V, 25degC

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