

# GRM1555C1H181JA01#

“#” indicates a package specification code.



< List of part numbers with package codes >

GRM1555C1H181JA01D

GRM1555C1H181JA01W

GRM1555C1H181JA01J

## Appearance & Shape



## References

| Packaging | Specifications          | Standard Packing Quantity |
|-----------|-------------------------|---------------------------|
| D         | 180mm Paper Tape        | 10000                     |
| W         | 180mm Paper Tape (W8P1) | 20000                     |
| J         | 330mm Paper Tape        | 50000                     |

| Mass (typ.) |       |
|-------------|-------|
| 1 piece     | 1.6mg |
| φ180mm Reel | 118g  |

**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                                      | 180pF ±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                                    | 50Vdc          |
| 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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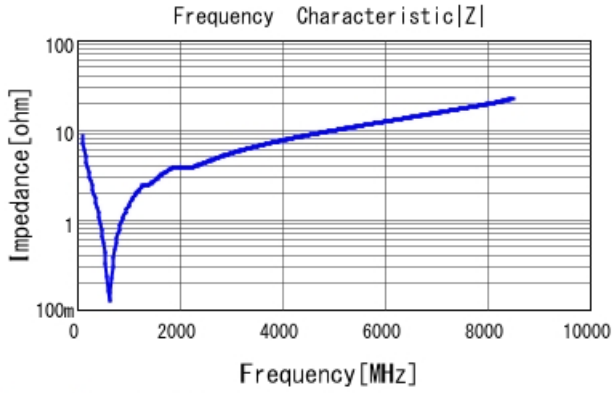
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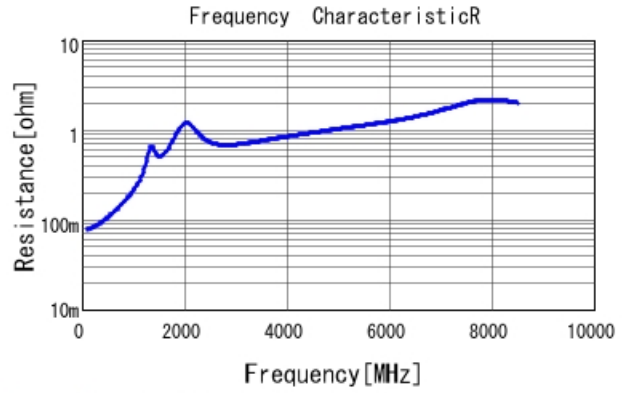


## Characteristic Data

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



GRM1555C1H181JA01 |Z| DCOV, 25degC



GRM1555C1H181JA01 R DCOV, 25degC



GRM1555C1H181JA01 C-DC bias capchange, 25.0degC, A



GRM1555C1H181JA01 C-AC Voltage capchange, DCOV, 25

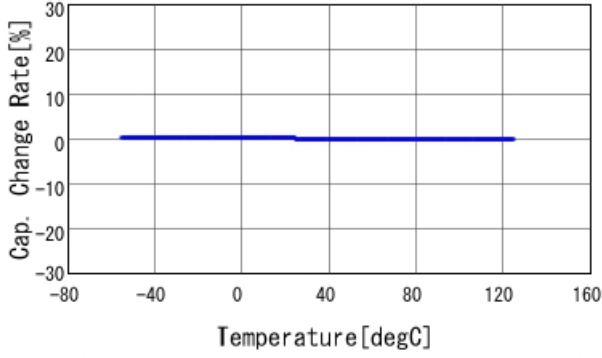
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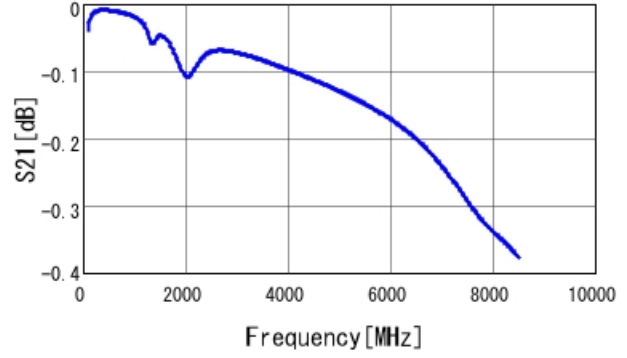
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Temperature Characteristics



■ GRM1555C1H181JA01 C-Temp. capchange, DCOV, AC1Vrms

S Parameter S21



■ GRM1555C1H181JA01 S21 DCOV, 25degC

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