

Please download the latest datasheet of GRT1555C1H221JA02# from the official website of Murata

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information provided may not be the most current.

# GRT1555C1H221JA02#















< List of part numbers with package codes > GRT1555C1H221JA02D GRT1555C1H221JA02W GRT1555C1H221JA02V

GRT1555C1H221JA02J



### **Applications**

| Unsuitable   | Please be sure to read and comply with     |  |
|--------------|--|--|
| Applications | these "Precautions for use."               |  |
|              | Automotive infotainment/comfort            |  |
|              | equipment,Industrial Equipment,Medical     |  |
|              | equipment [GHTF A/B/C] except for          |  |
|              | implant equipment                          |  |
|              | Please refer to Our Website and            |  |
| Specific     | specifications, etc. for information about |  |
| Applications | 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         | 10000                     |
| W         | φ180mm Reel W8P1 Paper<br>Tape | 20000                     |
| J         | φ330mm Reel Paper Tape         | 50000                     |
| V         | φ330mm Reel W8P1 Paper<br>Tape | 100000                    |

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

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# **Specifications**

| Length   | 1.0±0.05mm     |
|--|----------------|
| Width  | 0.5±0.05mm     |
| Thickness  | 0.5±0.05mm     |
| Capacitance                                      | 220pF ±5%      |
| Distance between external terminals g            | 0.3mm min.     |
| External terminal size e                         | 0.15 to 0.35mm |
| Operating Temperature<br>Range                   | -55°C to 125°C |
| Rated Voltage                                    | 50Vdc          |
| Size code in inch(mm)                            | 0402 (1005M)   |
| тс   | 0±30ppm/°C     |
| Temperature characteristics (complied standard)  | C0G(EIA)       |
| Temperature range of temperature characteristics | 25°C to 125°C  |

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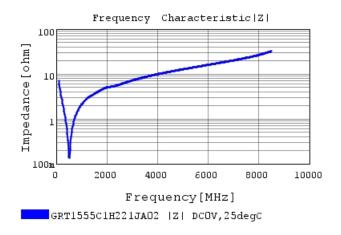
# GRT1555C1H221JA02#

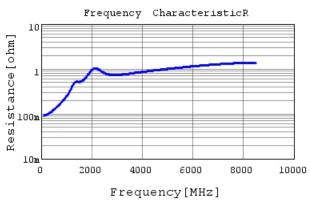
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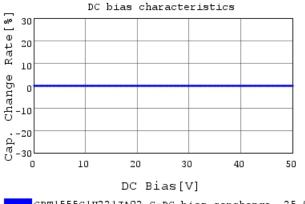
#### Characteristic Data

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

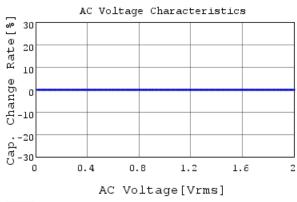




GRT1555C1H221JAO2 R DCOV,25degC



GRT1555C1H221JAO2 C-DC bias capchange, 25.0c



GRT1555C1H221JAO2 C-AC Voltage capchange, D(

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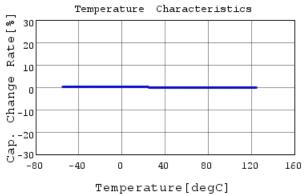


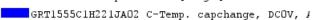
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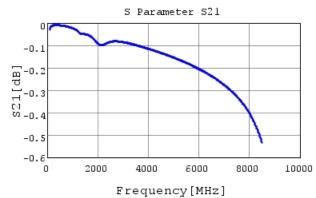
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GRT1555C1H221JAO2 S21 DCOV,25degC

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