

# GRM1555C1H5R0CZ01#

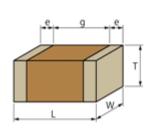
"#" indicates a package specification code.

## To be Complies discontinued Reflow OK

< List of part numbers with package codes >

 $\mathsf{GRM1555C1H5R0CZ01D}\ ,\ \mathsf{GRM1555C1H5R0CZ01W}\ ,\ \mathsf{GRM1555C1H5R0CZ01J}$ 

Shape





| L size   | 1.0 ± 0.05mm   |
|--|----------------|
| W size   | 0.5 ± 0.05mm   |
| T size   | 0.5 ± 0.05mm   |
| External terminal width e                        | 0.15 to 0.35mm |
| Distance between external terminals g            | 0.3mm min.     |
| Size code in mm(inch)                            | 1005 (0402)    |
| Specifications                                   |                |
| Capacitance                                      | 5.0pF ± 0.25pF |
| Rated voltage                                    | 50Vdc          |
| Temperature characteristics (complied standard)  | COG(EIA)       |
| Temperature coefficient                          | 0 ± 30ppm/     |
| Temperature range of temperature characteristics | 25 to 125      |
| Operating temperature range                      | -55 to 125     |
| Notes  |                |
| Please use replacements or Recommended.          |                |
| References                                       |                |
|  |                |

| Packaging |   | Specifications | Minimum quantity |
|-----------|---|----------------|------------------|
| D         | 180mm Paper taping  |                | 10000            |
| J         | 330mm Paper taping  |                | 50000            |
| W         | 180mm Paper taping (W8P1*)<br>* Width : 8mm, Pocket pitch : 1mm |                | 20000            |
|           |   | Mass (typ.)    |                  |

|            | Mass (typ.) |       |
|------------|-------------|-------|
| 1 piece    |             | 1.6mg |
| 180mm Reel |             | 118g  |

### 🔔 Attention

1. This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it 's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.

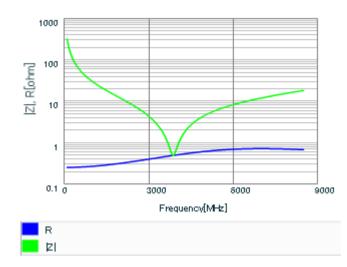
2. This datasheet has only typical specifications because there is no space for detailed specifications.

Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

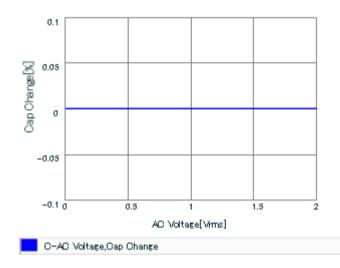
1 of 2

### Chart of characteristic data (The charts below may show another part number which shares its characteristics.)

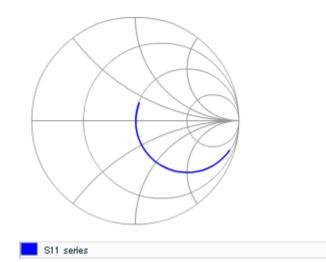
#### Frequency characteristics (ESR, Impedance)



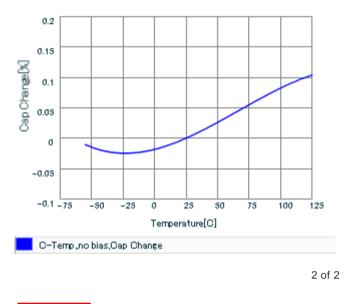
AC voltage characteristics



This PDF data has only typical specifications because there is no space for detailed specifications. Therefore, please reviewour product specifications or consult the approval sheet for product specifications before ordering. S parameter (Smith chart S11)



Capacitance - temperature characteristics





Last updated: 2013/10/20