# GRM155R71H561KA01#

"#" indicates a package specification code.

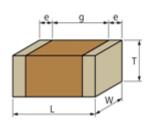




< List of part numbers with package codes >

GRM155R71H561KA01D , GRM155R71H561KA01W , GRM155R71H561KA01J

## Shape





L size  $1.0 \pm 0.05$ mm W size  $0.5 \pm 0.05$ mm T size  $0.5 \pm 0.05$ mm External terminal width e 0.15 to 0.35mm 0.3mm min. Distance between external terminals g Size code in mm(inch) 1005 (0402)

#### Specifications

Capacitance 560pF ± 10% Rated voltage 50Vdc X7R(EIA) Temperature characteristics (complied standard) Capacitance change rate ± 15.0% Temperature range of temperature characteristics -55 to 125 Operating temperature range -55 to 125

#### References

| Packaging  |   | Specifications |       | Minimum quantity |  |
|------------|---|----------------|-------|------------------|--|
| D          | 180mm Paper taping  |                |       | 10000            |  |
| J          | 330mm Paper taping  |                |       | 50000            |  |
| W          | 180mm Paper taping (W8P1*)  * Width: 8mm, Pocket pitch: 1mm |                |       | 20000            |  |
|            |   | Mass (typ.)    |       |                  |  |
| 1 piece    |   |                | 1.6mg |                  |  |
| 180mm Reel |   |                | 118g  |                  |  |

1 of 2

### 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.

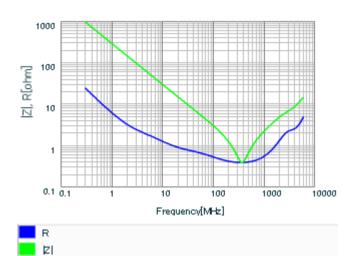
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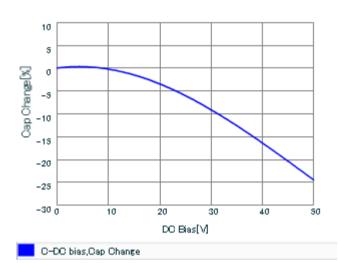
URL: http://www.murata.co.jp/

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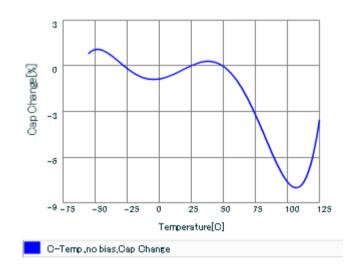
Frequency characteristics (ESR, Impedance)



DC bias characteristics



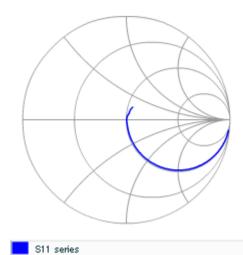
Capacitance - temperature characteristics



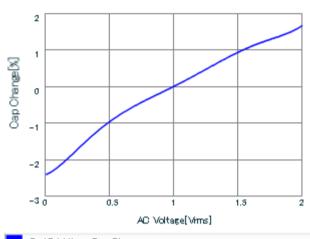
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S parameter (Smith chart S11)



AC voltage characteristics



C-AC Voltage,Cap Change

2 of 2

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