## GRM155R61A154KE19#

"#" indicates a package specification code.

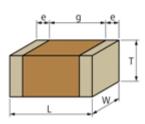




< List of part numbers with package codes >

GRM155R61A154KE19D , GRM155R61A154KE19W , GRM155R61A154KE19J

## 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  $0.15 \mu F \pm 10\%$ Rated voltage 10Vdc X5R(EIA) Temperature characteristics (complied standard) Capacitance change rate ± 15.0% -55 to 85 Temperature range of temperature characteristics Operating temperature range -55 to 85

## References

| Packaging  |   | Specifications |       | N     | linimum 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



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

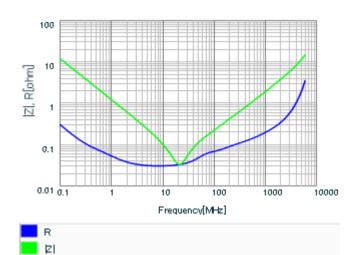
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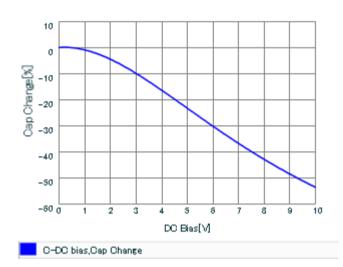
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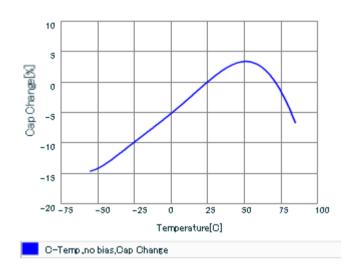
Frequency characteristics (ESR, Impedance)



DC bias characteristics



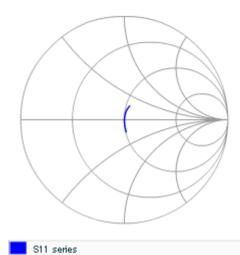
Capacitance - temperature characteristics



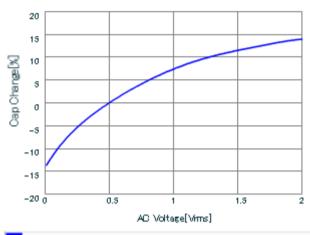
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S parameter (Smith chart S11)



AC voltage characteristics



C-AC Voltage,Cap Change

2 of 2

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