## GRM033R71E472KE14\#


< List of part numbers with package codes >

GRM033R71E472KE14D GRM033R71E472KE14W


## Appearance \& Shape

References

| Packaging | Specifications | Standard <br> Packing <br> Quantity |
| :--- | :--- | :--- |
| D | 180 mm Paper Tape | 15000 |
| W | 180 mm Paper Tape (W8P1) | 30000 |
| J | 330 mm Paper Tape | 50000 |


| Mass (typ.) |  |
| :--- | :--- |
| 1 piece | 0.33 mg |
| $\varphi 180 \mathrm{~mm}$ Reel | 118 g |

Notices

Derating1

[^0]
## GRM033R71E472KE14\#

## Specifications

| Length | $0.6 \pm 0.03 \mathrm{~mm}$ |
| :--- | :--- |
| Width | $0.3 \pm 0.03 \mathrm{~mm}$ |
| Thickness | $0.3 \pm 0.03 \mathrm{~mm}$ |
| Capacitance | $4700 \mathrm{pF} \pm 10 \%$ |
| Distance between external <br> terminals g | 0.2 mm min. |
| External terminal size e | $-55^{\circ} \mathrm{C}$ to $125^{\circ} \mathrm{C}$ |
| Operating Temperature <br> Range | 25 Vdc |
| Rated Voltage | $0201(0603 \mathrm{~mm})$ |
| Size code in inch(mm) | $\pm 15.0^{\circ} \%$ |
| Capacitance change rate | $\mathrm{X} 7 \mathrm{R}(\mathrm{EIA})$ |
| Temperature characteristics <br> (complied standard) | $-55^{\circ} \mathrm{C}$ to $125^{\circ} \mathrm{C}$ |
| Temperature range of <br> temperature characteristics |  |

[^1]
## GRM033R71E472KE14\#

"\#" indicates a package specification code.

## Characteristic Data

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



GRM033R71E472KE14 C-DC bias capchange, 25.0degC, AC1.


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[^2]
## GRM033R71E472KE14\#



GRM033R71E472KE14 C-Temp. capchange, DCO. OV, AC1. OVrm


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