

# GRM0335C1E180JD01#

“ # ” indicates a package specification code.

To be discontinued

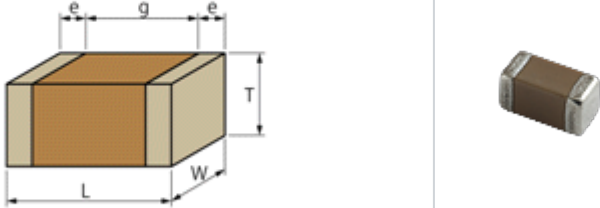
Reflow OK

Complies with RoHS

Ultra-compact

< List of part numbers with package codes >  
GRM0335C1E180JD01D , GRM0335C1E180JD01W , GRM0335C1E180JD01J

## Shape



|                                       |              |
|---------------------------------------|--------------|
| L size                                | 0.6 ± 0.03mm |
| W size                                | 0.3 ± 0.03mm |
| T size                                | 0.3 ± 0.03mm |
| External terminal width e             | 0.1 to 0.2mm |
| Distance between external terminals g | 0.2mm min.   |
| Size code in inch(mm)                 | 0201 (0603)  |

## Notes

Please use replacements or Recommended.

## References

| Packaging | Specifications  | Minimum quantity |
|-----------|---|------------------|
| D         | 180mm Paper taping  | 15000            |
| J         | 330mm Paper taping  | 50000            |
| W         | 180mm Paper taping (W8P1*)<br>* Width : 8mm, Pocket pitch : 1mm | 30000            |

| Mass (typ.) |        |
|-------------|--------|
| 1 piece     | 0.33mg |
| 180mm Reel  | 118g   |

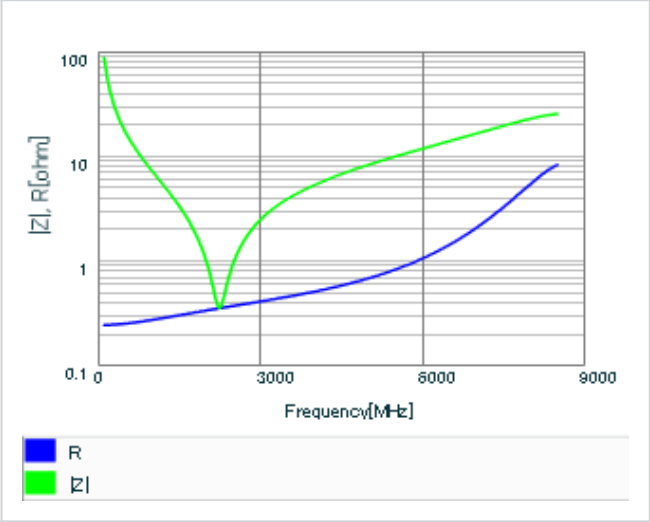
## Specifications

|  |            |
|--|------------|
| Capacitance                                      | 18pF ± 5%  |
| Rated voltage                                    | 25Vdc      |
| Temperature characteristics (complied standard)  | C0G(EIA)   |
| Temperature coefficient                          | 0 ± 30ppm/ |
| Temperature range of temperature characteristics | 25 to 125  |
| Operating temperature range                      | -55 to 125 |

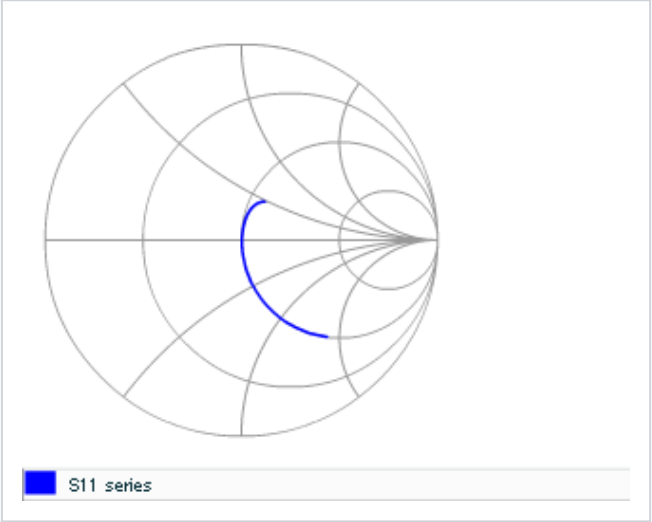
### ⚠ Attention

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- 2.This datasheet has only typical specifications because there is no space for detailed specifications.
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Frequency characteristics (ESR, Impedance)



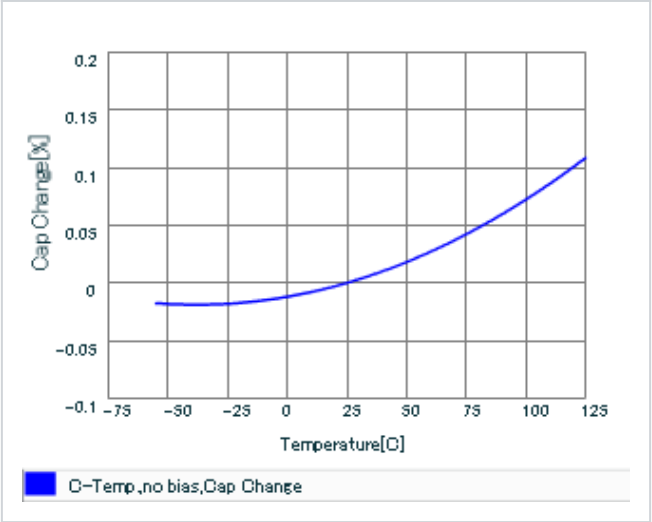
S parameter (Smith chart S11)



AC voltage characteristics



Capacitance - temperature characteristics



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