

GRM21A7U1H333JA39#

" # " indicates a package specification code.

Recommended


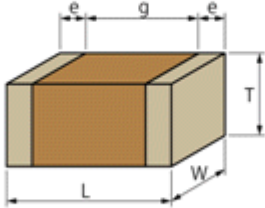
Flow OK

Reflow OK

Complies with RoHS

< List of part numbers with package codes >  
GRM21A7U1H333JA39L , GRM21A7U1H333JA39K

Shape



|                                       |                 |
|---------------------------------------|-----------------|
| L size                                | 2.0 ± 0.1mm     |
| W size                                | 1.25 ± 0.1mm    |
| T size                                | 1.0 +0.0/-0.2mm |
| External terminal width e             | 0.2 to 0.7mm    |
| Distance between external terminals g | 0.7mm min.      |
| Size code in mm(inch)                 | 2012 (0805)     |

References

| Packaging | Specifications        | Minimum quantity |
|-----------|-----------------------|------------------|
| L         | 180mm Embossed taping | 3000             |
| K         | 330mm Embossed taping | 10000            |

| Mass (typ.) |      |
|-------------|------|
| 1 piece     | 12mg |
| 180mm Reel  | 86g  |

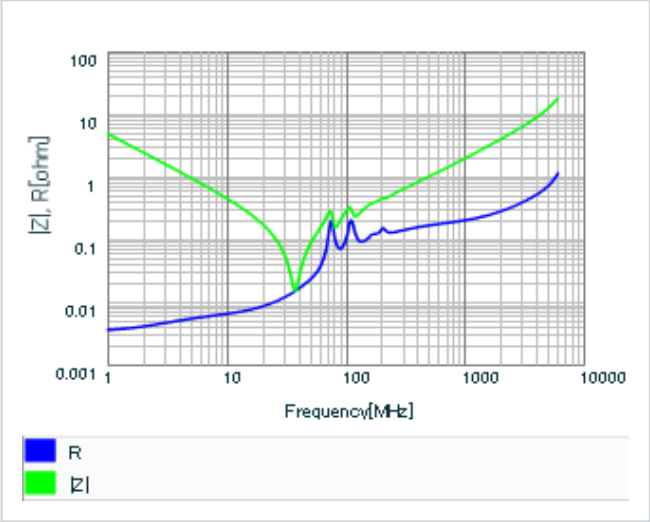
Specifications

|  |                |
|--|----------------|
| Capacitance                                      | 33000pF ± 5%   |
| Rated voltage                                    | 50Vdc          |
| Temperature characteristics (complied standard)  | U2J(EIA)       |
| Temperature coefficient                          | -750 ± 120ppm/ |
| Temperature range of temperature characteristics | 25 to 85       |
| Operating temperature range                      | -55 to 125     |

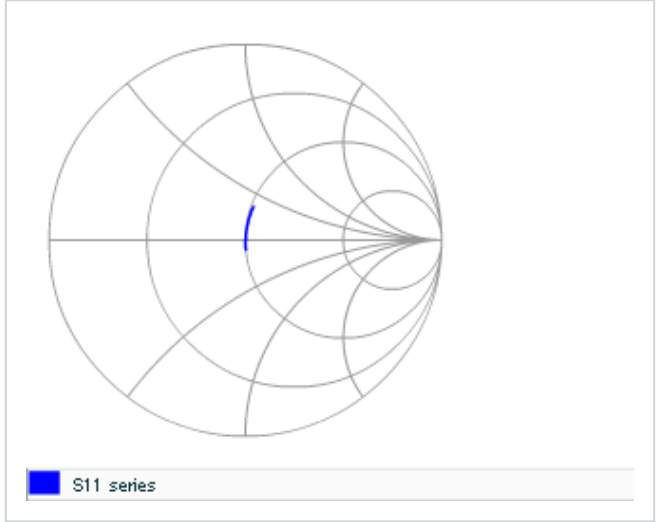
⚠ Attention

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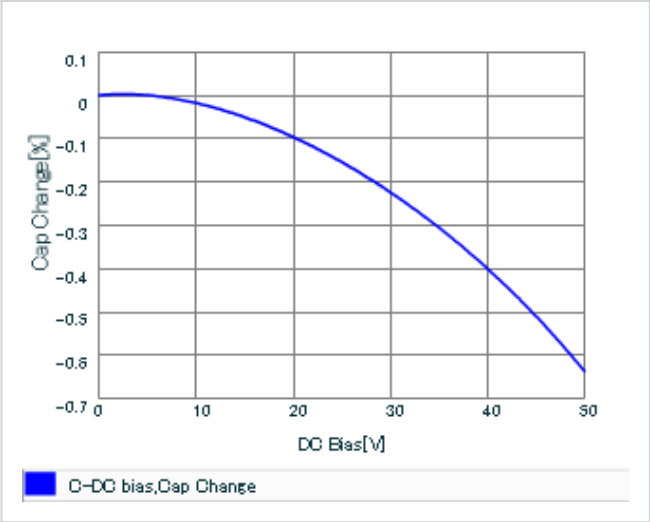
Frequency characteristics (ESR, Impedance)



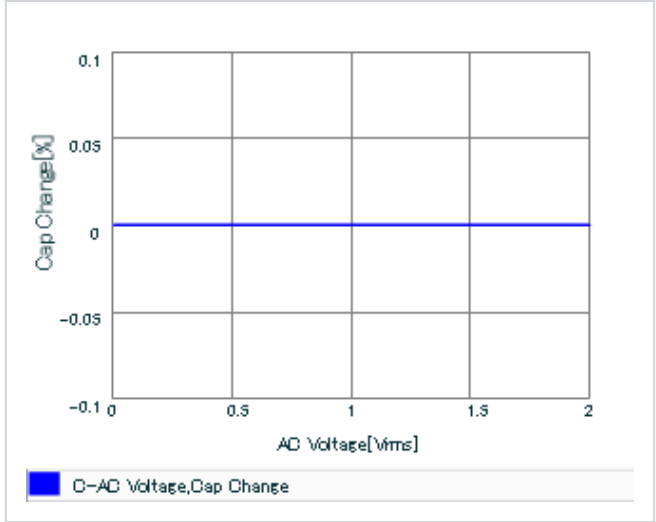
S parameter (Smith chart S11)



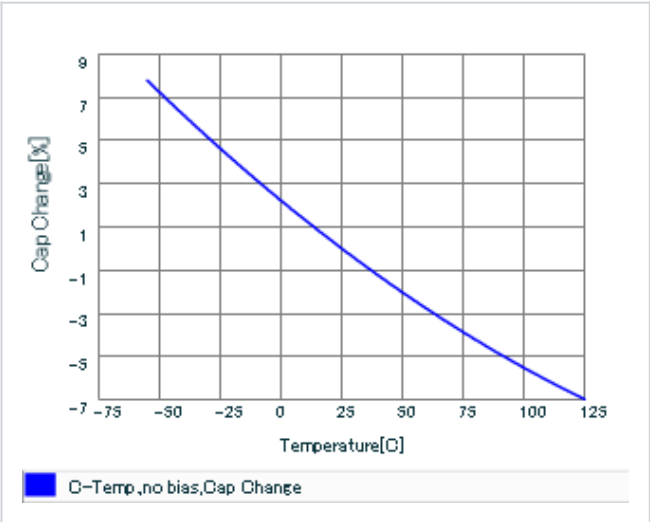
DC bias characteristics



AC voltage characteristics



Capacitance - temperature characteristics



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