muRata Capacitor data sheet

GRM2165C2A181JA01#

"#" indicates a package specification code.



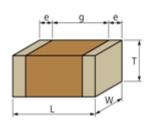






< List of part numbers with package codes > GRM2165C2A181JA01D , GRM2165C2A181JA01J

Shape





 $180pF \pm 5\%$

 $0 \pm 30 ppm/$

25 to 125

10000

100Vdc COG(EIA)

L size 2.0 ± 0.1 mm W size 1.25 ± 0.1 mm 0.6 ± 0.1 mm T size 0.2 to 0.7mm External terminal width e Distance between external terminals g 0.7mm min. Size code in mm(inch) 2012 (0805)

Specifications

Capacitance Rated voltage Temperature characteristics (complied standard) Temperature coefficient

Temperature range of temperature characteristics

-55 to 125 Operating temperature range References Packaging Specifications Minimum quantity 4000

D 180mm Paper taping J 330mm Paper taping

Mass (typ.)

1 piece 6.4mg 180mm Reel 126g

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.

Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.



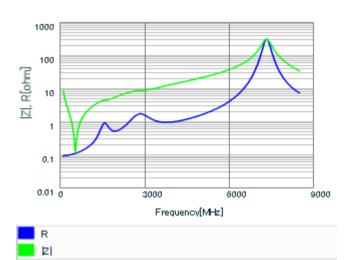
muRata Murata Manufacturing Co., Ltd.

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

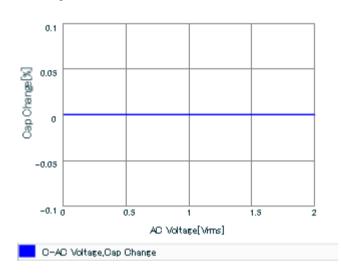
Last updated: 2013/10/20

Chart of characteristic data (The charts below may show another part number which shares its characteristics.)

Frequency characteristics (ESR, Impedance)



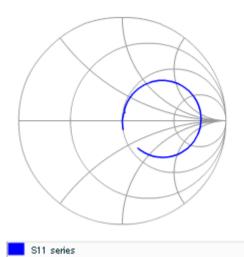
AC voltage characteristics



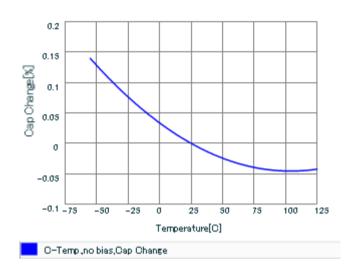
This PDF data has only typical specifications because there is no space for detailed specifications.

Therefore, please reviewour product specifications or consult the approval sheet for product specifications before ordering.

S parameter (Smith chart S11)



Capacitance - temperature characteristics



2 of 2



Last updated: 2013/10/20