## muRata Capacitor data sheet

## GRM2165C2A331JA01#

"#" indicates a package specification code.



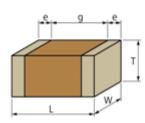






< List of part numbers with package codes > GRM2165C2A331JA01D , GRM2165C2A331JA01J

Shape





 $330pF \pm 5\%$ 100Vdc

COG(EIA)

0 ± 30ppm/

25 to 125

-55 to 125

L size  $2.0 \pm 0.1$ mm W size  $1.25 \pm 0.1$ mm  $0.6 \pm 0.1$ mm T size External terminal width e 0.2 to 0.7mm 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 Operating temperature range

References				
	Packaging	Specifications	Minimu	um quantity
D		180mm Paper taping	4000	
J		330mm Paper taping	10000	

Mass (typ.)

1 piece 6.4mg 180mm Reel 126g

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## 🔔 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.



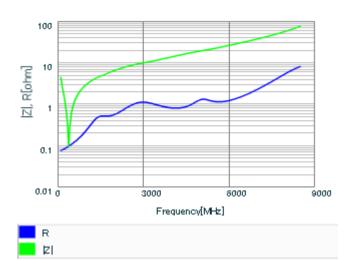
muRata Murata Manufacturing Co., Ltd.

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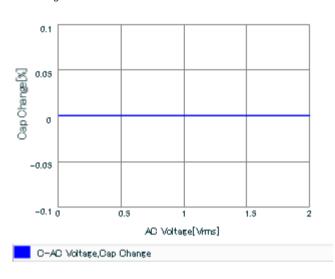
Last updated: 2013/10/20

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

Frequency characteristics (ESR, Impedance)



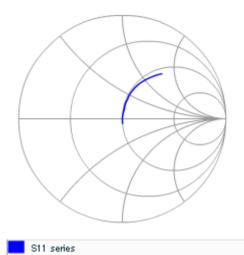
AC voltage characteristics



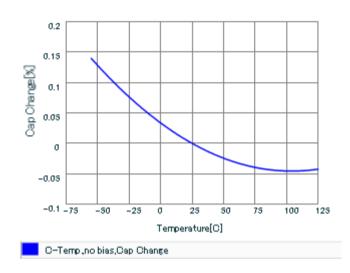
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S parameter (Smith chart S11)



Capacitance - temperature characteristics



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Last updated: 2013/10/20