# muRata Capacitor data sheet

## GRM2195C1H103JA01#

"#" indicates a package specification code.



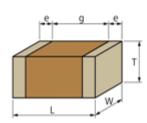






< List of part numbers with package codes > GRM2195C1H103JA01D , GRM2195C1H103JA01J

Shape





L size  $2.0 \pm 0.1$ mm W size  $1.25 \pm 0.1$ mm  $0.85 \pm 0.1$ 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

 $10000pF \pm 5\%$ 50Vdc COG(EIA) 0 ± 30ppm/ 25 to 125 -55 to 125

#### References

Packaging		Specifications		Minimum quantity
D	180mm Paper taping		4000	
J	330mm Paper taping		10000	
		Mass (typ.)		
1 piece			9.5mg	
180mm Reel			152g	

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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.



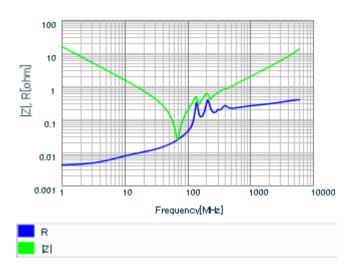
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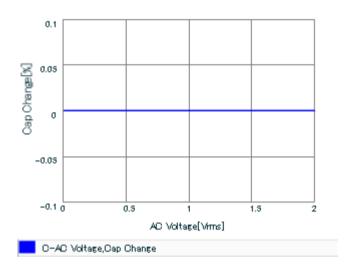
Last updated: 2013/10/20

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

Frequency characteristics (ESR, Impedance)



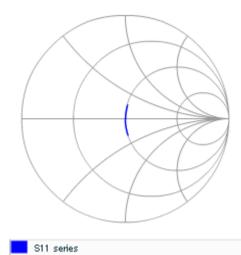
AC voltage characteristics



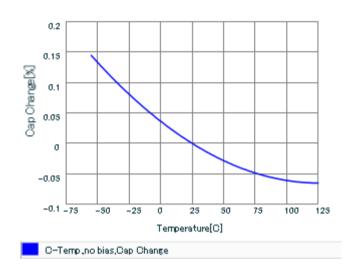
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S parameter (Smith chart S11)



Capacitance - temperature characteristics



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