# muRata Capacitor data sheet

## GRM0335C1E1R8CD01#

"#" indicates a package specification code.

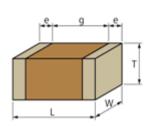




< List of part numbers with package codes >

GRM0335C1E1R8CD01D , GRM0335C1E1R8CD01W , GRM0335C1E1R8CD01J

#### Shape





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

#### Specifications

Capacitance  $1.8pF \pm 0.25pF$ Rated voltage 25Vdc Temperature characteristics (complied standard) COG(EIA) Temperature coefficient  $0 \pm 30 \text{ppm/}$ Temperature range of temperature characteristics 25 to 125 -55 to 125 Operating temperature range

#### Notes

Please use replacements or Recommended.

#### References

Neierences					
Packaging		Specifications			Minimum quantity
D	180mm Paper taping			15000	
J	330mm Paper taping			50000	
W	180mm Paper taping (W8P1*)  * Width: 8mm, Pocket pitch: 1mm			30000	
		Mass (typ.)			
1 piece			0.33mg		
180mm Reel			118g		

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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.



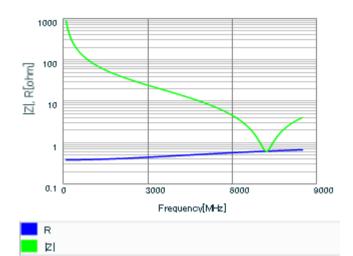
muRata Murata Manufacturing Co., Ltd.

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

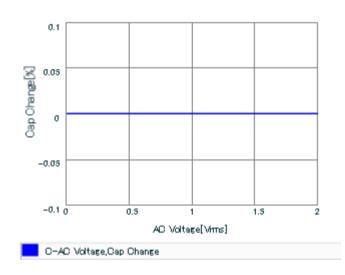
Last updated: 2013/10/19

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

Frequency characteristics (ESR, Impedance)



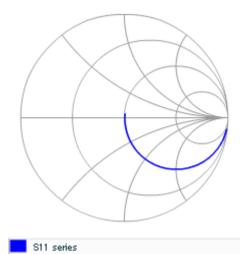
AC voltage characteristics



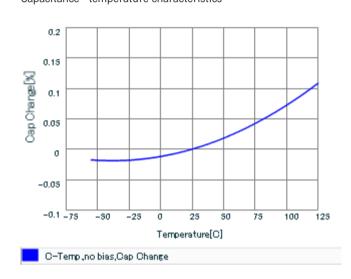
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S parameter (Smith chart S11)



Capacitance - temperature characteristics



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