Capacitor data sheet

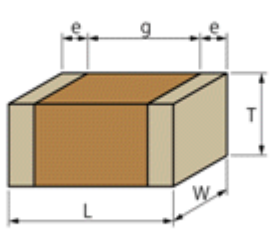
GRM0335C1E820JD01#

“ # ” indicates a package specification code.

To be discontinued | Reflow OK | Complies with RoHS | Ultra-compact

< List of part numbers with package codes >
GRM0335C1E820JD01D , GRM0335C1E820JD01W , GRM0335C1E820JD01J

Shape



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

Specifications

Capacitance	82pF ±5%
Rated voltage	25Vdc
Temperature characteristics (complied standard)	C0G(EIA)
Temperature coefficient	0±30ppm/℃
Temperature range of temperature characteristics	25 to 125℃
Operating temperature range	-55 to 125℃

Notes

Please use replacements or Recommended.

References

Packaging		Specifications	Minimum quantity
D	φ180mm Paper taping		15000
J	φ330mm Paper taping		50000
W	φ180mm Paper taping (W8P1*) * Width : 8mm, Pocket pitch : 1mm		30000

	Mass (typ.)
1 piece	0.33mg
φ180mm Reel	118g

Attention

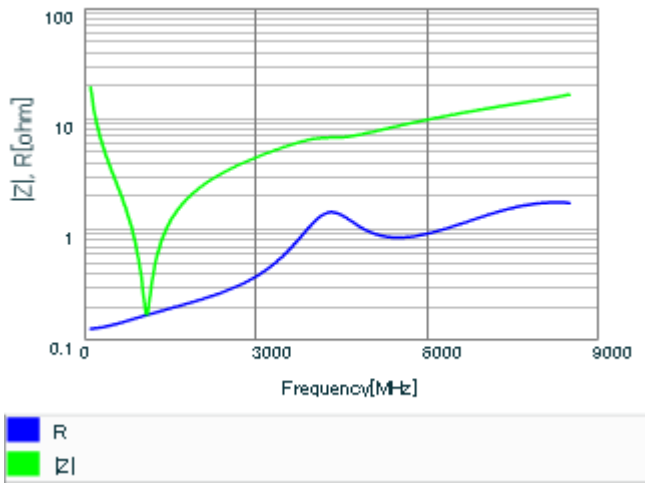
1.This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it ’ s specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.
2.This datasheet 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 Manufacturing Co., Ltd. URL : http://www.murata.co.jp/

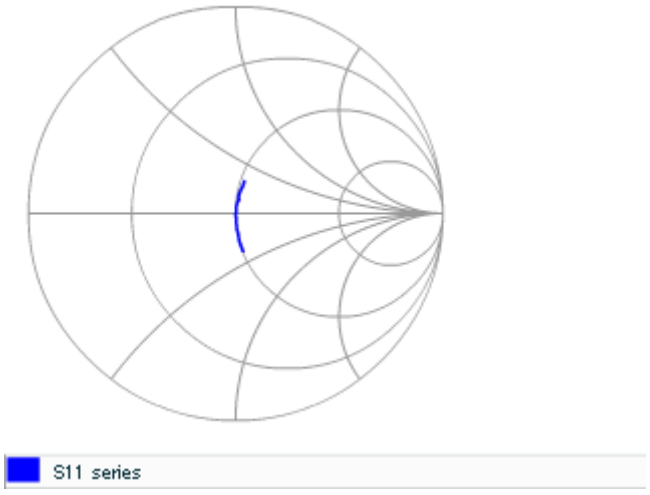
Last updated: 2013/10/20

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

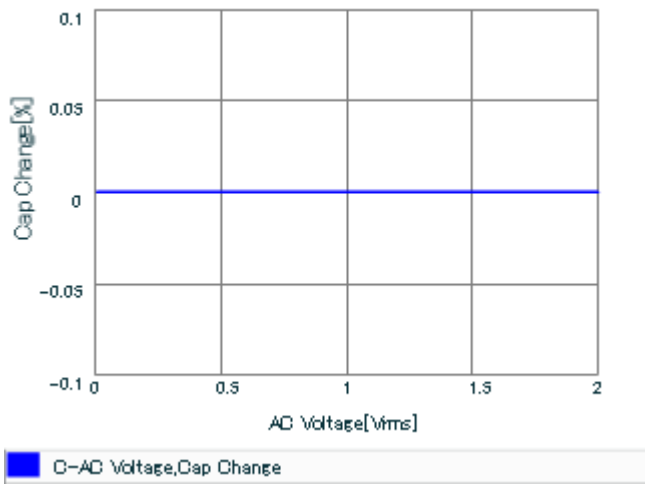
Frequency characteristics (ESR, Impedance)



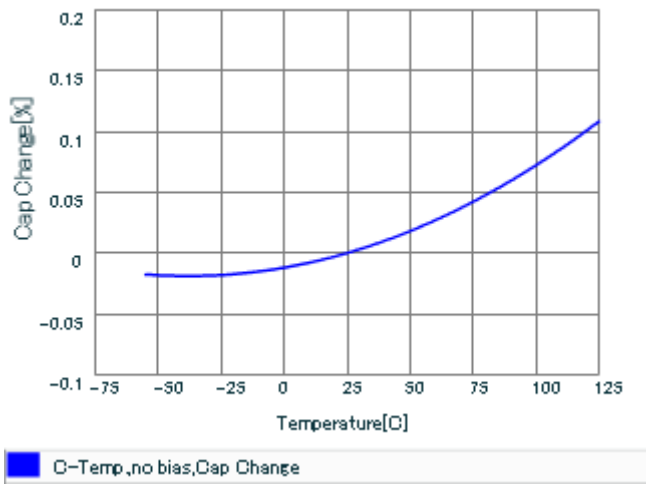
S parameter (Smith chart S11)



AC voltage characteristics



Capacitance - temperature 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.

Murata Manufacturing Co., Ltd.

Last updated: 2013/10/20