Capacitor data sheet

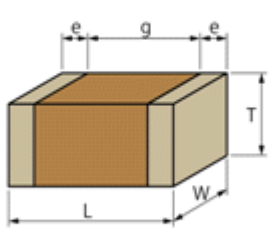
GRM2165C2A101JA01#

“ # ” indicates a package specification code.

Recommended | Flow OK | Reflow OK | Complies with RoHS

< List of part numbers with package codes >
GRM2165C2A101JA01D , GRM2165C2A101JA01J

Shape



L size	2.0 ±0.1mm
W size	1.25 ±0.1mm
T size	0.6 ±0.1mm
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	100pF ±5%
Rated voltage	100Vdc
Temperature characteristics (complied standard)	C0G(EIA)
Temperature coefficient	0±30ppm/℃
Temperature range of temperature characteristics	25 to 125℃
Operating temperature range	-55 to 125℃

References

Packaging		Specifications	Minimum quantity
D	φ180mm Paper taping		4000
J	φ330mm Paper taping		10000

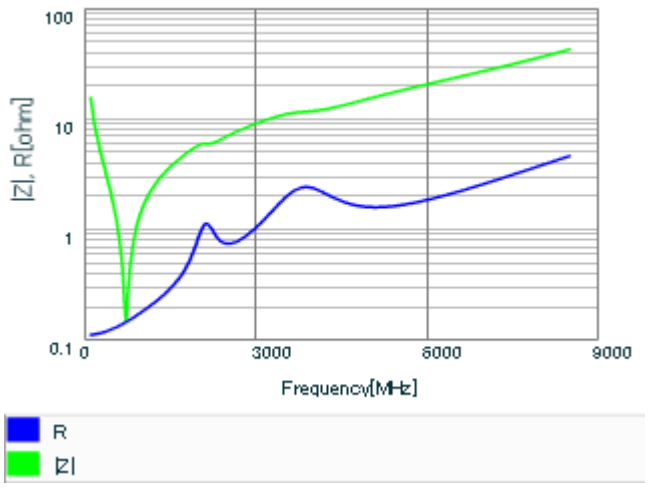
	Mass (typ.)
1 piece	6.4mg
φ180mm Reel	126g

Attention

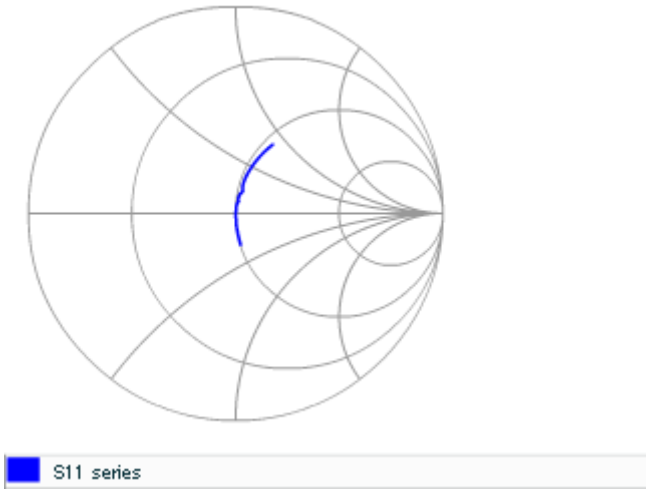
1.This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it ’ s specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.
2.This datasheet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

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

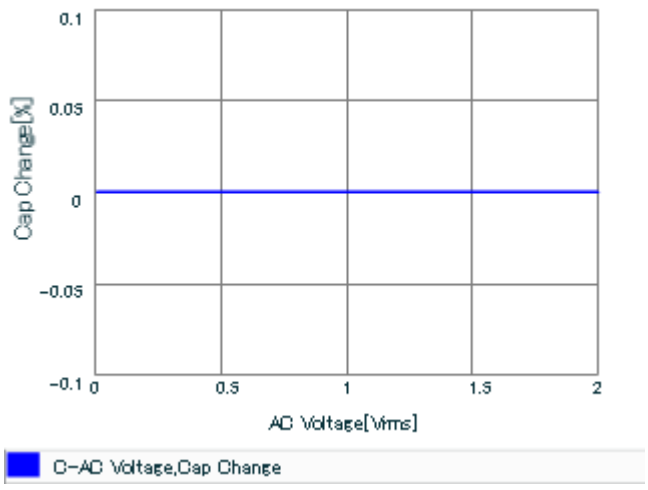
Frequency characteristics (ESR, Impedance)



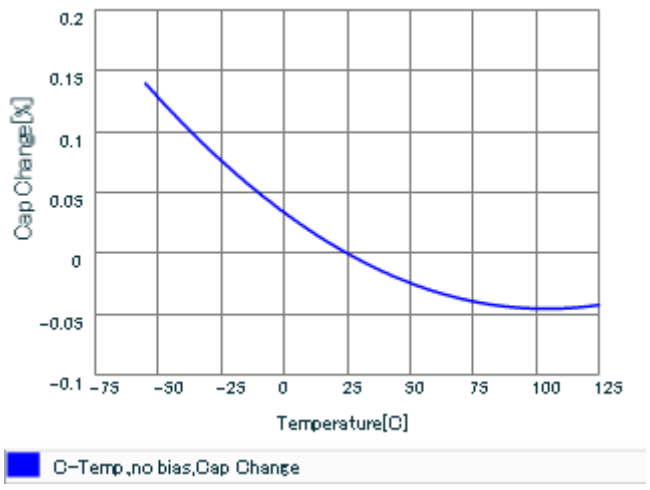
S parameter (Smith chart S11)



AC voltage characteristics



Capacitance - temperature characteristics



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Murata Manufacturing Co., Ltd.

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