

GCM2165C2A151JA16#

" # " indicates a package specification code.

Recommended

Available

Power-train



AEC-Q200



125℃



Reflow OK



Flow OK



RoHS


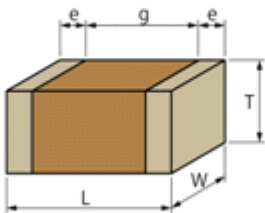


REACH



< List of part numbers with package codes >
GCM2165C2A151JA16D , GCM2165C2A151JA16J

Shape



L size	2.0 ± 0.15mm
W size	1.25 ± 0.15mm
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 inch(mm)	0805 (2012)

References

Packaging	Specifications	Minimum quantity
D	180mm Paper taping	4000
J	330mm Paper taping	10000

Mass (typ.)	
1 piece	6.4mg
180mm Reel	126g

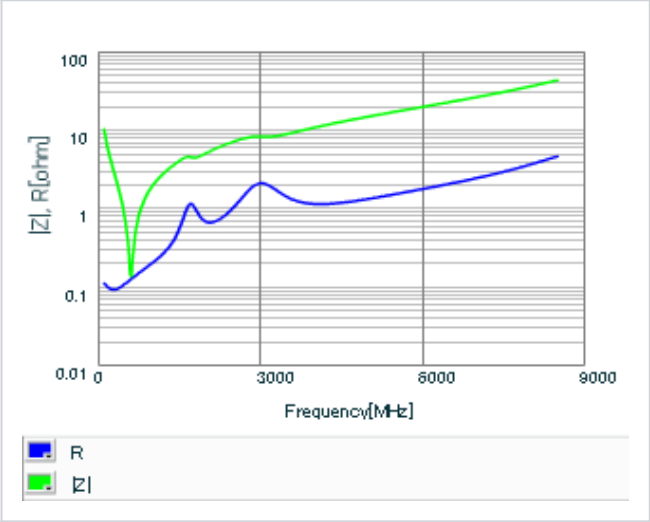
Specifications

Capacitance	150pF ± 5%
Rated voltage	100Vdc
Temperature characteristics (complied standard)	COG(EIA)
Temperature coefficient	0 ± 30ppm/
Temperature range of temperature characteristics	25 to 125
Operating temperature range	-55 to 125

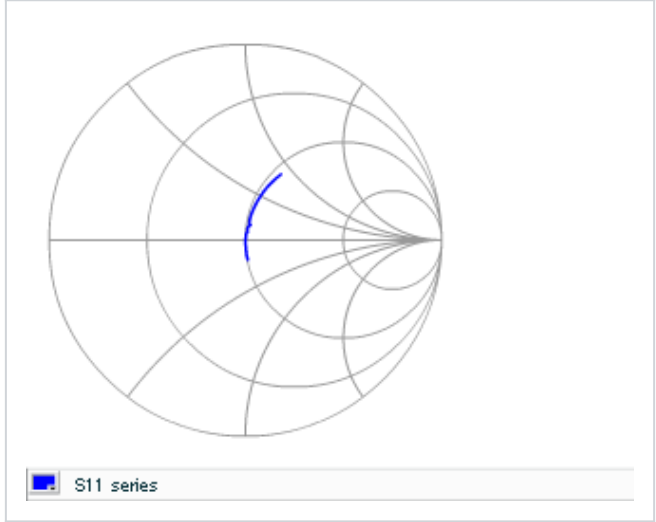
⚠ Attention

- 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.

Frequency characteristics (ESR, Impedance)



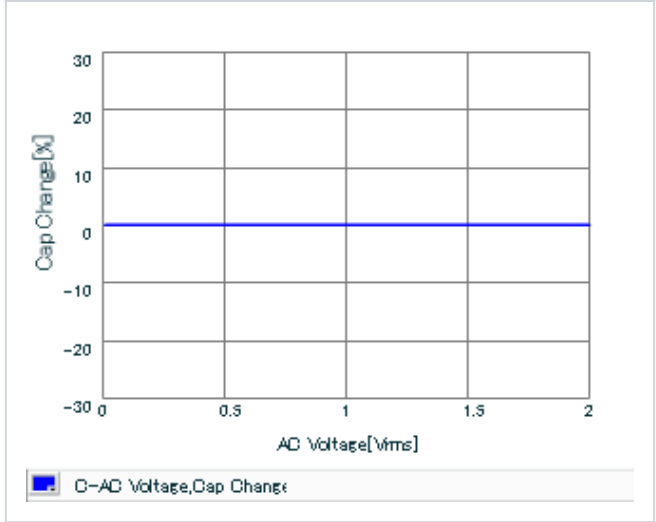
S parameter (Smith chart S11)



DC bias characteristics



AC voltage characteristics



Capacitance - temperature characteristics

