

GRM1853U1A822JA44#

" # " indicates a package specification code.



< List of part numbers with package codes >
GRM1853U1A822JA44D , GRM1853U1A822JA44J

Shape



L size	1.6 ± 0.1mm
W size	0.8 ± 0.1mm
T size	0.5 +0.0/-0.1mm
External terminal width e	0.2 to 0.5mm
Distance between external terminals g	0.5mm min.
Size code in inch(mm)	0603 (1608)

References

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

Mass (typ.)	
1 piece	3.0mg
180mm Reel	100g

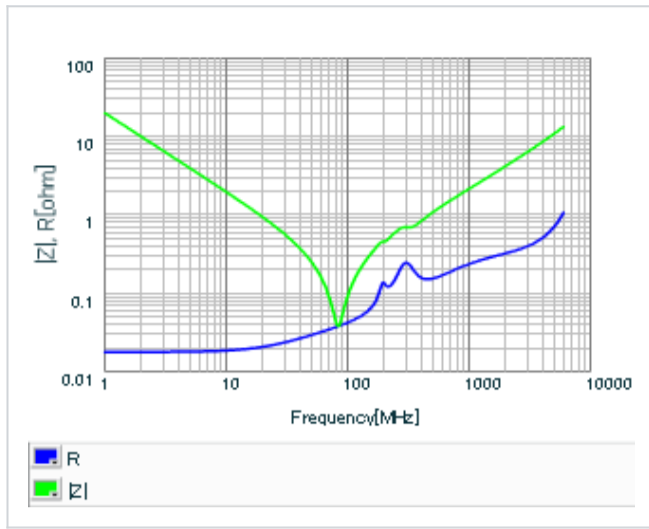
Specifications

Capacitance	8200pF ± 5%
Rated voltage	10Vdc
Temperature characteristics (complied standard)	UJ(JIS)
Temperature coefficient	-750 ± 120ppm/
Temperature range of temperature characteristics	20 to 85
Operating temperature range	-25 to 85

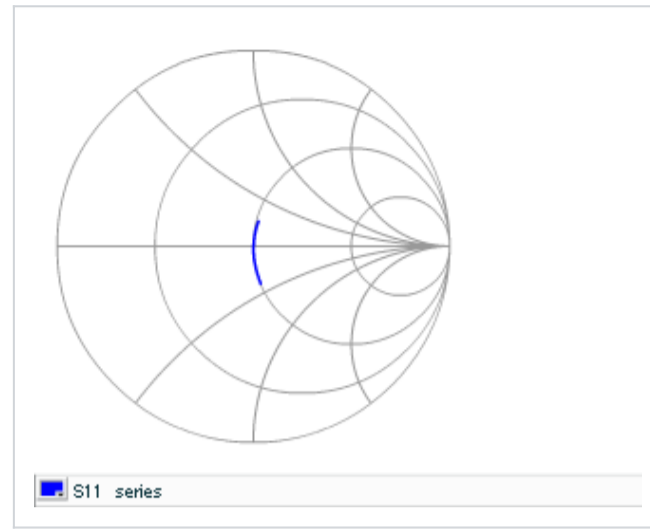
⚠ Attention

- 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.

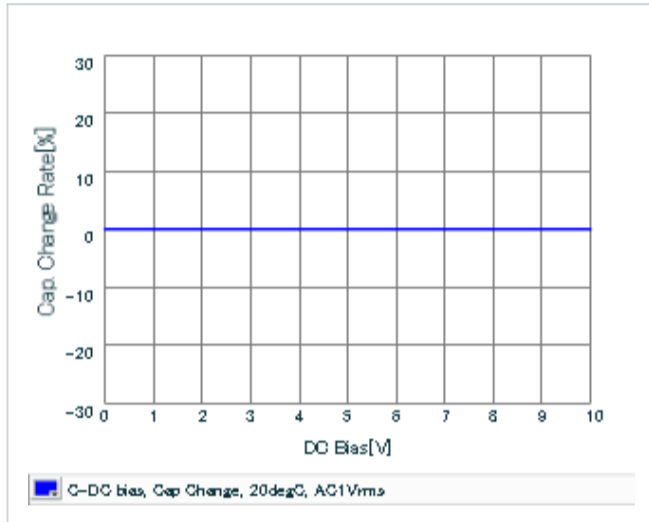
▪ Frequency characteristics (ESR, Impedance)



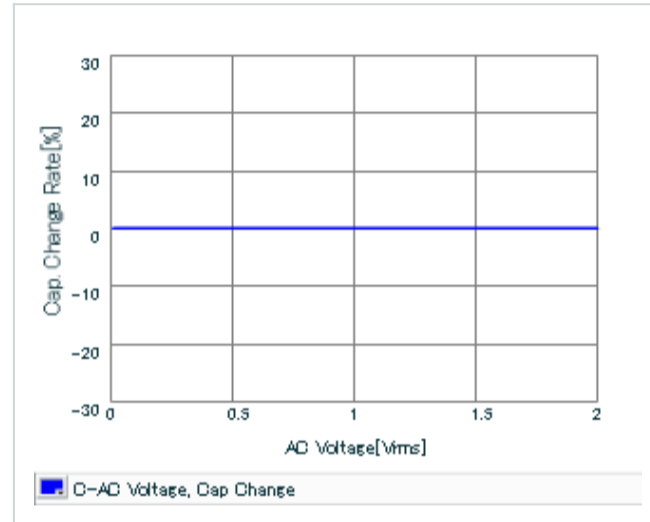
▪ S parameter (Smith chart S11)



▪ DC bias characteristics



▪ AC voltage characteristics



▪ Capacitance - temperature characteristics

