Capacitor data sheet

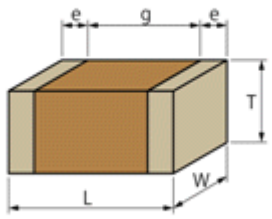
GRM033C80G153KE01#

“ # ” indicates a package specification code.

Available | Reflow OK | Complies with RoHS | Ultra-compact

< List of part numbers with package codes >
GRM033C80G153KE01D , GRM033C80G153KE01W , GRM033C80G153KE01J

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 inch(mm)	0201 (0603)

Specifications

Capacitance	15000pF ±10%
Rated voltage	4Vdc
Temperature characteristics (complied standard)	X6S(EIA)
Capacitance change rate	±22.0%
Temperature range of temperature characteristics	-55 to 105℃
Operating temperature range	-55 to 105℃

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.

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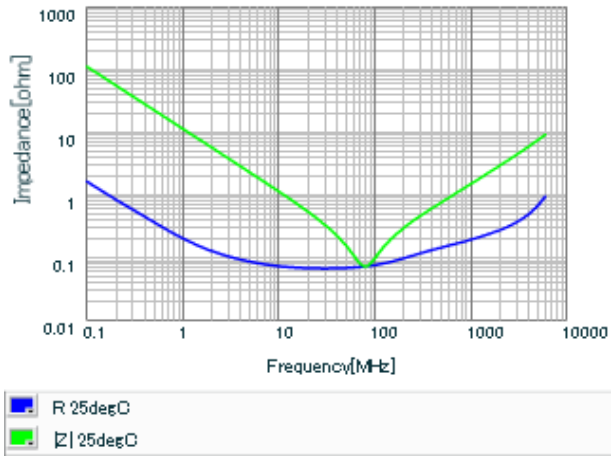
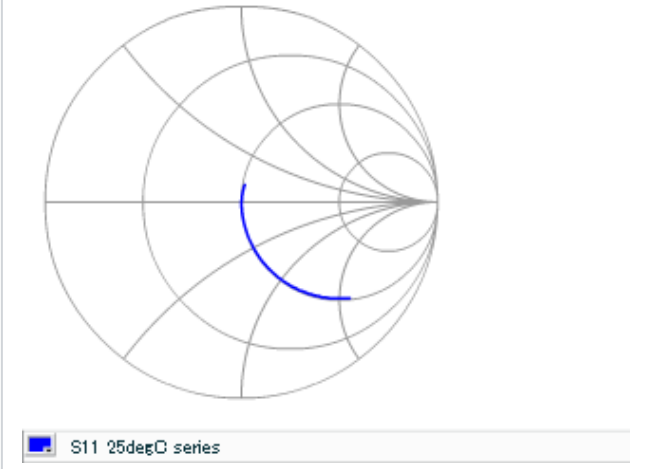
Last updated: 2013/11/13

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

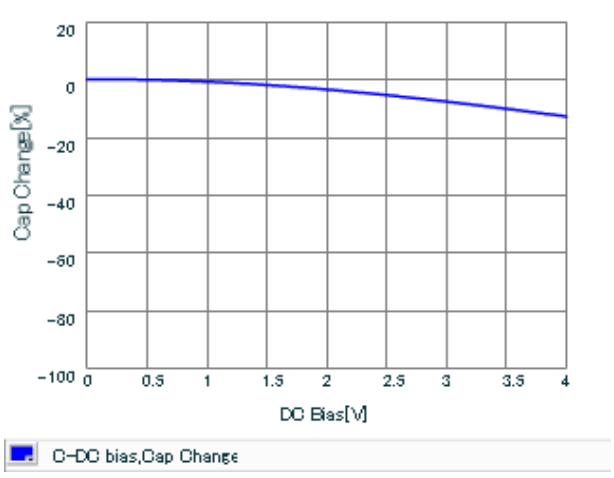
- Frequency characteristics (ESR, Impedance)



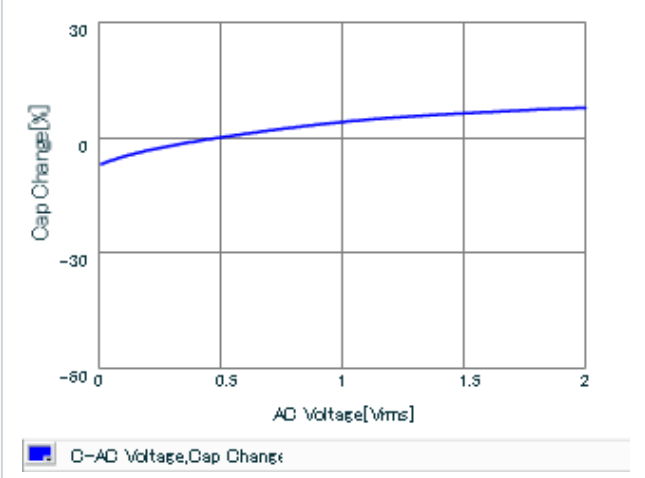
- S parameter (Smith chart S11)



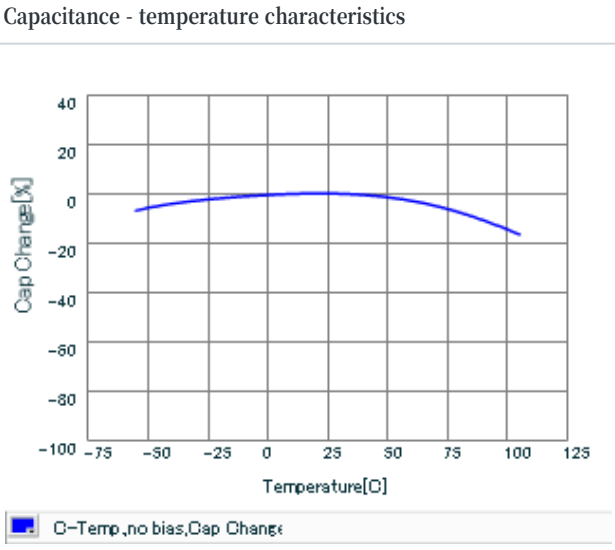
- DC bias characteristics



- AC voltage characteristics



- Capacitance - temperature characteristics



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