## muRata Capacitor data sheet

## GRM31CR61A226ME19#

"#" indicates a package specification code.





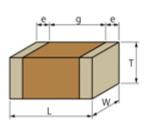




< List of part numbers with package codes >

GRM31CR61A226ME19L , GRM31CR61A226ME19K

Shape





L size  $3.2 \pm 0.2$ mm W size  $1.6 \pm 0.2$ mm  $1.6 \pm 0.2$ mm T size External terminal width e 0.3 to 0.8mm 1.5mm min. Distance between external terminals g Size code in mm(inch) 3216 (1206)

## Specifications

Capacitance  $22\mu F \pm 20\%$ 10Vdc Rated voltage X5R(EIA) Temperature characteristics (complied standard) Capacitance change rate ± 15.0% -55 to 85 Temperature range of temperature characteristics Operating temperature range -55 to 85

## References

Packaging		Specifications		Minimum quantity
L	180mm Embossed taping			2000
K	330mm Embossed taping			6000
		Mass (typ.)		
1 piece			52mg	
180mm Reel			144g	

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- 2. This datasheet has only typical specifications because there is no space for detailed specifications.

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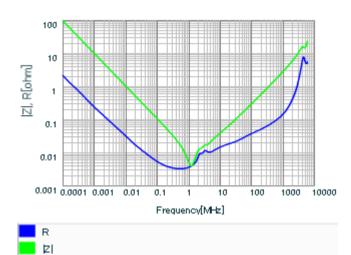


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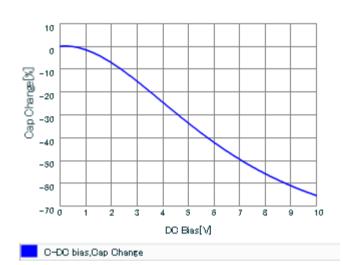
URL: http://www.murata.co.jp/

Last updated: 2013/10/01

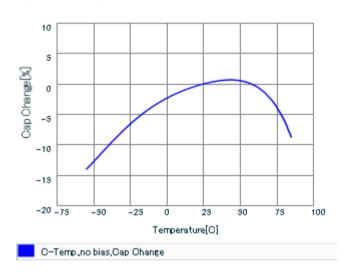
Frequency characteristics (ESR, Impedance)



DC bias characteristics



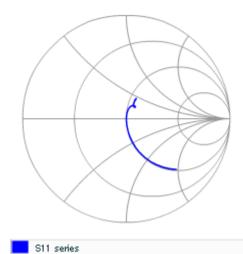
Capacitance - temperature characteristics



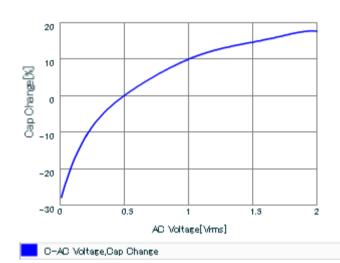
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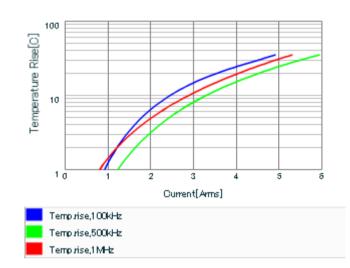
S parameter (Smith chart S11)



AC voltage characteristics



Calorific property by ripple current



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Last updated: 2013/10/01