muRata Capacitor data sheet

GRM31CR61H106KA12#

"#" indicates a package specification code.





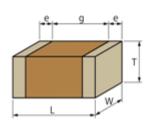




< List of part numbers with package codes >

GRM31CR61H106KA12L , GRM31CR61H106KA12K

Shape





 3.2 ± 0.2 mm L size W size 1.6 ± 0.2 mm 1.6 ± 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

 $10\mu F \pm 10\%$ Capacitance 50Vdc Rated voltage X5R(EIA) Temperature characteristics (complied standard) Capacitance change rate ± 15.0% Temperature range of temperature characteristics -55 to 85 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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- 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.

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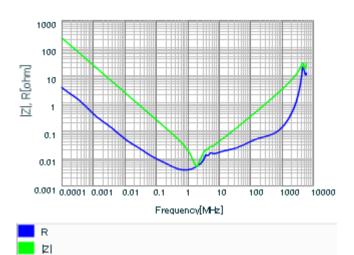


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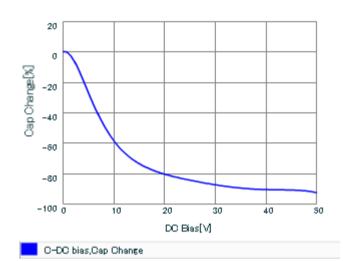
URL: http://www.murata.co.jp/

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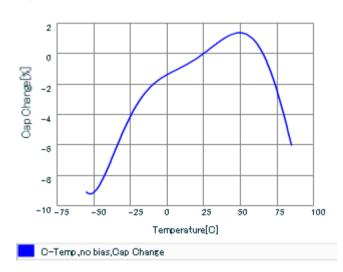
Frequency characteristics (ESR, Impedance)



DC bias characteristics



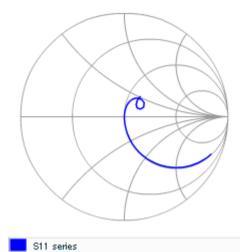
Capacitance - temperature characteristics



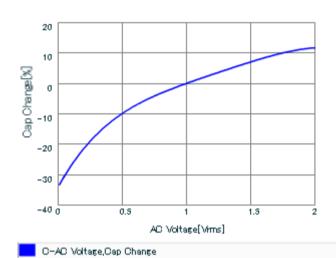
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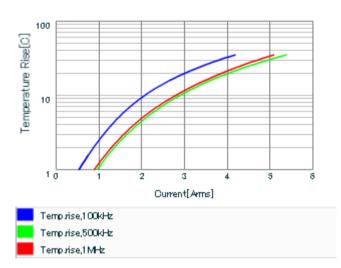
S parameter (Smith chart S11)



AC voltage characteristics



Calorific property by ripple current



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