muRata Capacitor data sheet

GRM31MR72A154KA01#

"#" indicates a package specification code.



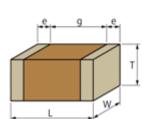






< List of part numbers with package codes > GRM31MR72A154KA01L , GRM31MR72A154KA01K

Shape





L size 3.2 ± 0.15 mm W size 1.6 ± 0.15 mm 1.15 ± 0.1 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 Rated voltage Temperature characteristics (complied standard) Capacitance change rate

Temperature range of temperature characteristics Operating temperature range

 $0.15 \mu F \pm 10\%$ 100Vdc X7R(EIA) ± 15.0% -55 to 125 -55 to 125

References

Packaging		Specifications			Minimum quantity
L	180mm Embossed taping			3000	
K	330mm Embossed taping			10000	
		Mass (typ.)			
1 piece			34mg		
180mm Reel			149g		

1 of 2



- 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.

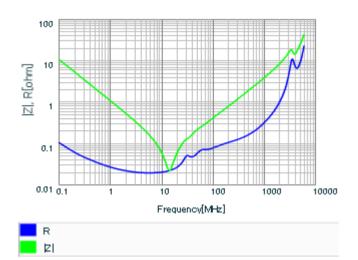


muRata Murata Manufacturing Co., Ltd.

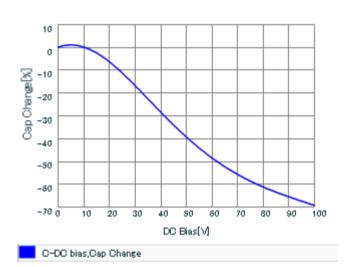
URL: http://www.murata.co.jp/

Last updated: 2013/10/24

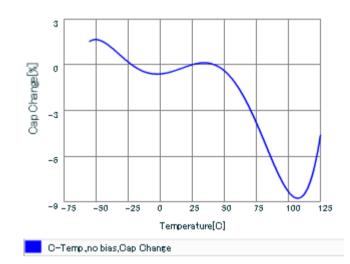
Frequency characteristics (ESR, Impedance)



DC bias characteristics



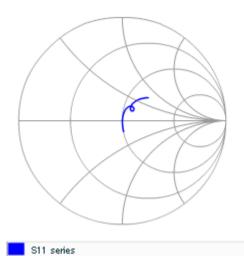
Capacitance - temperature characteristics



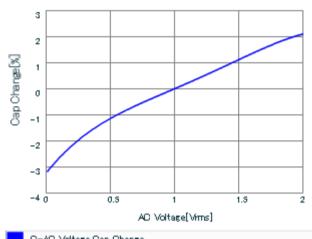
This PDF data has only typical specifications because there is no space for detailed specifications.

Therefore, please reviewour product specifications or consult the approval sheet for product specifications before ordering.

S parameter (Smith chart S11)



AC voltage characteristics



C-AC Voltage,Cap Change

2 of 2

muRata Murata Manufacturing Co., Ltd.

Last updated: 2013/10/24