# GRM033R71C221KA01#

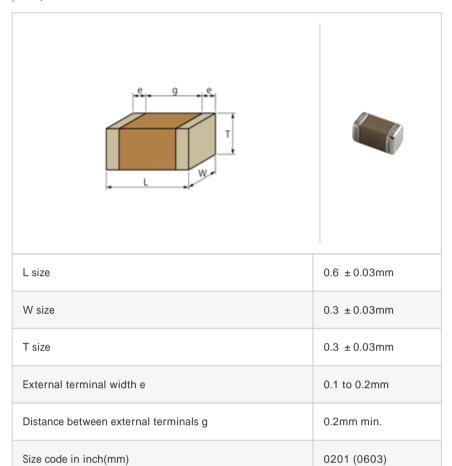
"#" indicates a package specification code.





< List of part numbers with package codes >  ${\sf GRM033R71C221KA01D}\ ,\ {\sf GRM033R71C221KA01W}\ ,\ {\sf GRM033R71C221KA01J}$ 

#### Shape



#### References

Packaging	Specifications	Minimum quantity
D	180mm Paper taping	15000
J	330mm Paper taping	50000
W	180mm Paper taping (W8P1*)  * Width: 8mm, Pocket pitch: 1mm	30000

Mass (typ.)		
1 piece	0.33mg	
180mm Reel	118g	

## Specifications

Capacitance	220pF ±10%
Rated voltage	16Vdc
Temperature characteristics (complied standard)	X7R(EIA)
Capacitance change rate	± 15.0%
Temperature range of temperature characteristics	-55 to 125
Operating temperature range	-55 to 125

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### 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.

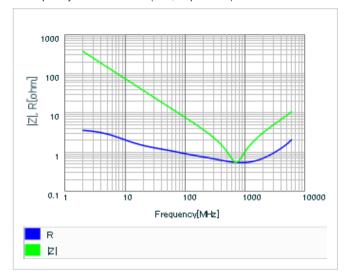


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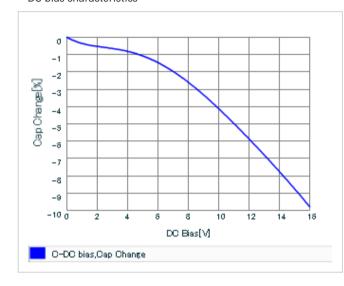
URL: http://www.murata.co.jp/

Last updated: 2013/11/13

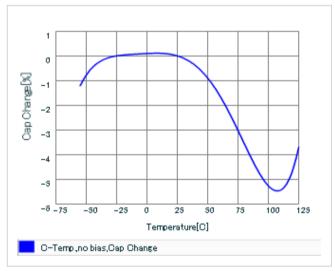
Frequency characteristics (ESR, Impedance)



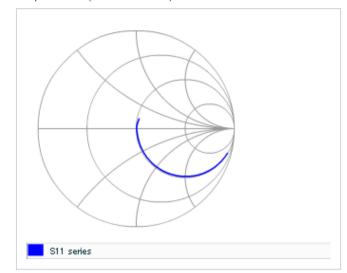
DC bias characteristics



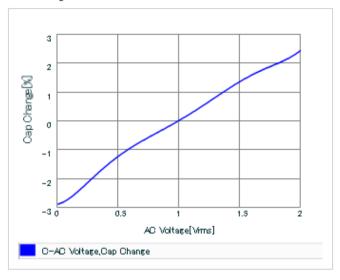
Capacitance - temperature characteristics



S parameter (Smith chart S11)



AC voltage characteristics



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