## GRM188R72A222MA01#

"#" indicates a package specification code.



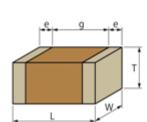






< List of part numbers with package codes > GRM188R72A222MA01D , GRM188R72A222MA01J

Shape





144g

L size  $1.6 \pm 0.1$ mm W size  $0.8 \pm 0.1$ mm  $0.8 \pm 0.1$ mm T size External terminal width e 0.2 to 0.5mm 0.5mm min. Distance between external terminals g Size code in mm(inch) 1608 (0603)

## Specifications

Capacitance Rated voltage Temperature characteristics (complied standard) Capacitance change rate

Temperature range of temperature characteristics

Operating temperature range

 $2200pF \pm 20\%$ 

100Vdc X7R(EIA) ± 15.0% -55 to 125 -55 to 125

## References

	Packaging	Specifications		Minimum quantity
D	180mm Paper taping		4000	
J	330mm Paper taping		10000	
		Mass (typ.)		
1 piec	e		6.3mg	

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180mm Reel

- 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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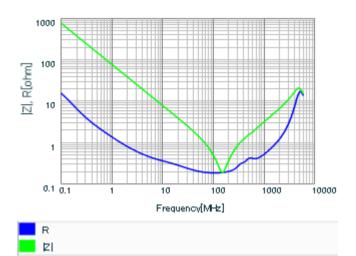


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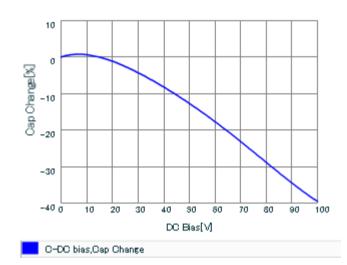
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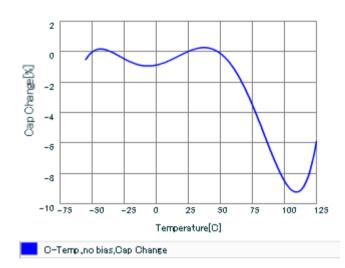
Frequency characteristics (ESR, Impedance)



DC bias characteristics



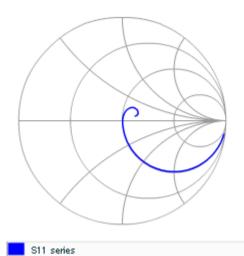
Capacitance - temperature characteristics



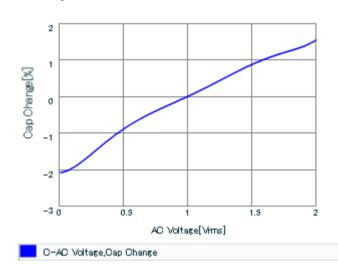
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S parameter (Smith chart S11)



AC voltage characteristics



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