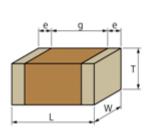


## GRM188R72A222KA01#

Recommended Flow OK Reflow OK with RoHS

< List of part numbers with package codes > GRM188R72A222KA01D , GRM188R72A222KA01J

Shape





"#" indicates a package specification code.

L size		1.6 ± 0.1mm	
W size		0.8 ± 0.1mm	
T size		0.8 ± 0.1mm	
External terminal width e		0.2 to 0.5mm	
Distance between external terminals g		0.5mm min.	
Size code in mm(inch)		1608 (0603)	
Specifications			
Capacitance			2200pF ±10%
Rated voltage			100Vdc
Temperature characteristics (complied standard)			X7R(EIA)
Capacitance change rate			± 15.0%
Temperature range of temperature characteristic	s		-55 to 125
Operating temperature range			-55 to 125
References			
Packaging	Specifications		Minimum

PackagingSpecificationsMinimum quantityD180mm Paper taping4000J330mm Paper taping10000Mass (typ.)1 piece6.3mg180mm Reel144g

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## 🔔 Attention

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.
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.

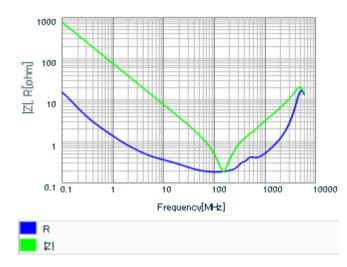
## muRata Murata Manufacturing Co., Ltd.

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

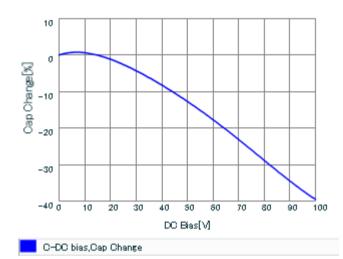
Last updated: 2013/10/20

Chart of characteristic data (The charts below may show another part number which shares its characteristics.)

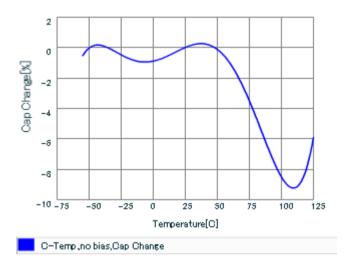
## Frequency characteristics (ESR, Impedance)



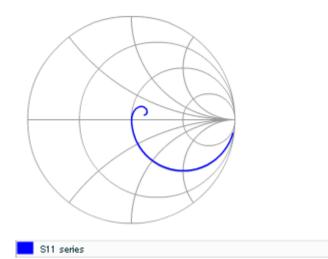
DC bias characteristics



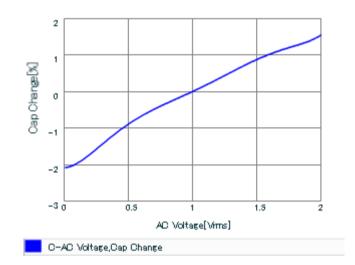
Capacitance - temperature characteristics



S parameter (Smith chart S11)



AC voltage characteristics



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