

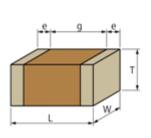
GRM188R71H223KA01#

"#" indicates a package specification code.



< List of part numbers with package codes > GRM188R71H223KA01D , GRM188R71H223KA01J

Shape





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			22000pF ±10%
Rated voltage			50Vdc
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
References			
Packaging	Specifications		Minimum aug

Pack	aging	Specifications		Minimum quantity
D	180mm Paper taping		4000	
J	330mm Paper taping		10000	
		Mass (typ.)		
1 piece			6.3mg	
180mm Re	eel		144g	

🔔 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.

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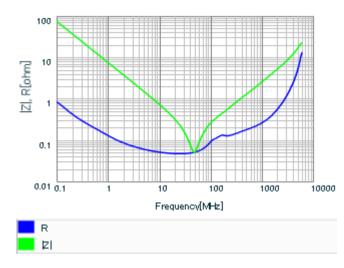
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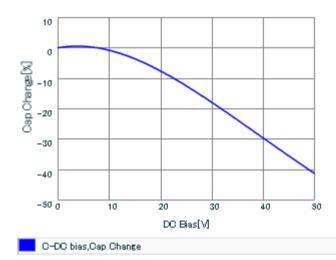
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Chart of characteristic data (The charts below may show another part number which shares its characteristics.)

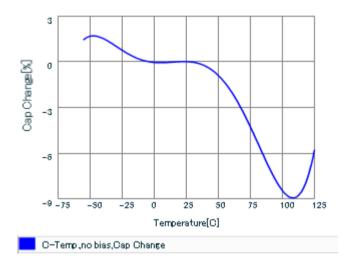
Frequency characteristics (ESR, Impedance)



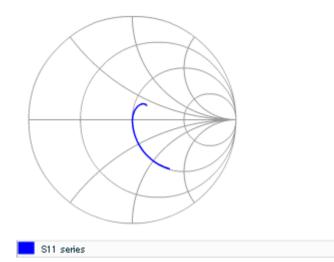
DC bias characteristics



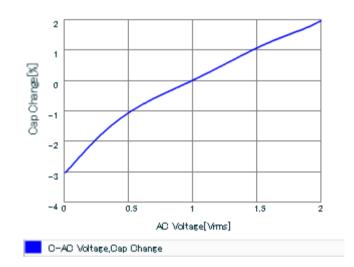
Capacitance - temperature characteristics



S parameter (Smith chart S11)



AC voltage characteristics



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