

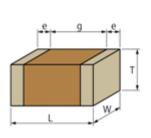
GRM188R71H103KA01#

" # " indicates a package specification code.



< List of part numbers with package codes > GRM188R71H103KA01D , GRM188R71H103KA01J

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			10000pF ±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 quantit

	Packaging		Specifications		Minimum quantity
D)	180mm Paper taping		4000	
J		330mm Paper taping		10000	
			Mass (typ.)		
1	piece			6.3mg	
	180mm Reel			144g	

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🔔 Attention

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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.

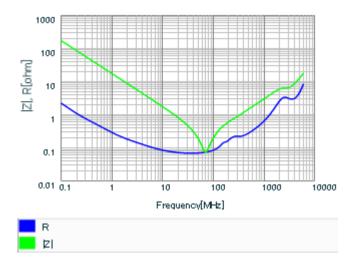
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URL : http://www.murata.co.jp/

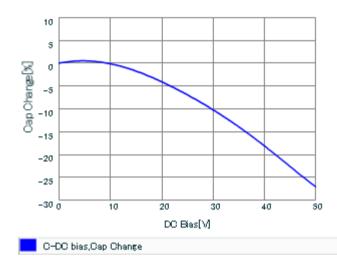
Last updated: 2013/10/20

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

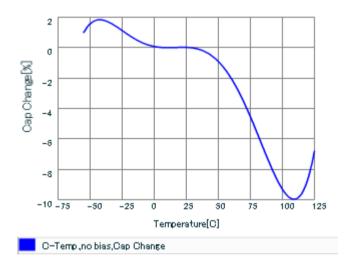
Frequency characteristics (ESR, Impedance)



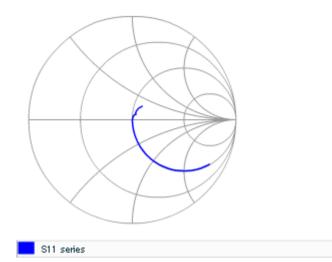
DC bias characteristics



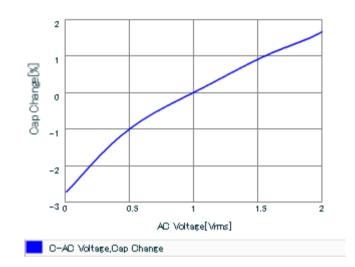
Capacitance - temperature characteristics



S parameter (Smith chart S11)



AC voltage characteristics



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