

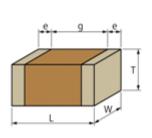
## GRM188R71H103MA01#

"#" indicates a package specification code.



< List of part numbers with package codes > GRM188R71H103MA01D , GRM188R71H103MA01J

Shape





L size			1.6 ± 0.1mm	
W size			0.8 ± 0.1mm	
T size			0.8 ± 0.1mm	
External terminal wid	th e		0.2 to 0.5mm	
Distance between exte	ernal terminals g		0.5mm min.	
Size code in mm(inch)	)		1608 (0603)	
Specifications				
Capacitance				10000pF ±20%
Rated voltage				50Vdc
Temperature characteristics (complied standard)				X7R(EIA)
Capacitance change rate				± 15.0%
Temperature range of temperature characteristics				-55 to 125
Operating temperatur	e range			-55 to 125
References				
Packaging		Specifications		Minimum quantity
D	180mm Paper taping		4000	

4000 10000

6.3mg

144g

Mass (typ.)

1 piece 180mm Reel

1 of 2

## 🔔 Attention

J

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.

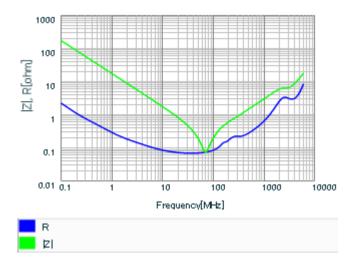
330mm Paper taping

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

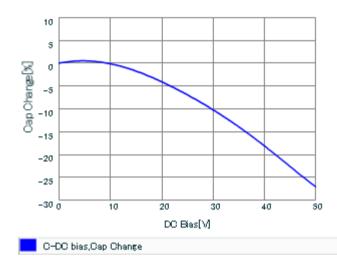
Last updated: 2013/10/20

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

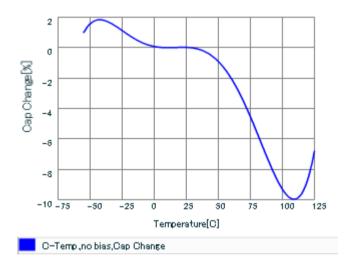
## Frequency characteristics (ESR, Impedance)



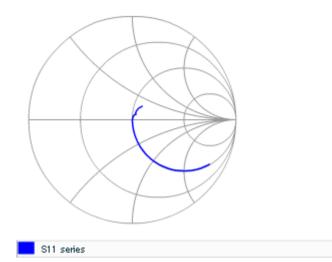
DC bias characteristics



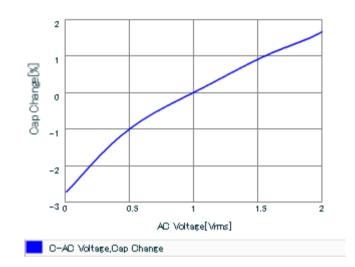
Capacitance - temperature characteristics



S parameter (Smith chart S11)



AC voltage characteristics



2 of 2

This PDF data has only typical specifications because there is no space for detailed specifications. Therefore, please reviewour product specifications or consult the approval sheet for product specifications before ordering. muRata Murata Manufacturing Co., Ltd.

Last updated: 2013/10/20