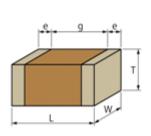


# GRM2165C1H272JA01#

Recommended Flow OK Reflow OK With RoHS

< List of part numbers with package codes > GRM2165C1H272JA01D , GRM2165C1H272JA01J

Shape





"#" indicates a package specification code.

L size		2.0 ± 0.1mm	
W size		1.25 ±0.1mm	
T size		0.6 ± 0.1mm	
External terminal width e		0.2 to 0.7mm	
Distance between external terminals g		0.7mm min.	
Size code in mm(inch)		2012 (0805)	
Specifications			
Capacitance			2700pF ± 5%
Rated voltage			50Vdc
Temperature characteristics (complied standar	()		COG(EIA)
Temperature coefficient			0 ± 30ppm/
Temperature range of temperature characteris	ics		25 to 125
Operating temperature range			-55 to 125
References			
Packaging	Specifications		Minimum quantity
D 180mm Paper ta	bing	4000	

 D
 180mm Paper taping
 4000

 J
 330mm Paper taping
 10000

 Mass (typ.)

 1 piece
 6.4mg

 180mm Reel
 126g

1 of 2

## 🔔 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.

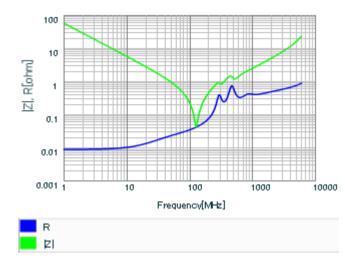
## muRata Murata Manufacturing Co., Ltd.

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

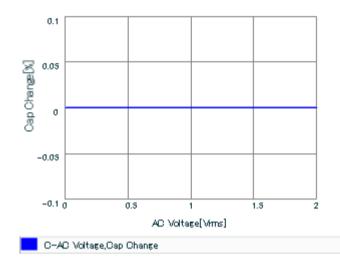
Last updated: 2013/10/20

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

#### Frequency characteristics (ESR, Impedance)

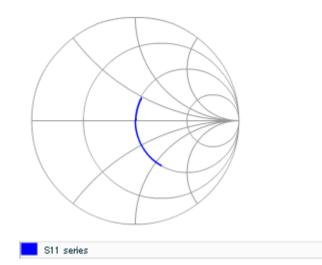


AC voltage characteristics

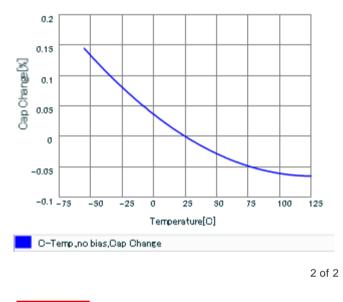


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S parameter (Smith chart S11)



Capacitance - temperature characteristics





Last updated: 2013/10/20