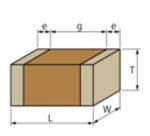


GRM219R61E225KA12#

Recommended Flow OK Reflow OK with RoHS

< List of part numbers with package codes > GRM219R61E225KA12D , GRM219R61E225KA12J

Shape





"#" indicates a package specification code.

L size	2.0 ± 0.1mm	
W size	1.25 ± 0.1mm	
T size	0.85 ± 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	2.2µF ±10%	
Rated voltage	25Vdc	
Temperature characteristics (complied standard)	X5R(EIA)	
Capacitance change rate	± 15.0%	
Temperature range of temperature characteristics	-55 to 85	
	-55 to 85	

References

Packaging		Specifications		Minimum quantity
D	180mm Paper taping		4000	
J	330mm Paper taping		10000	
		Mass (typ.)		
1 piece			11mg	
180mm Reel			162g	

1 of 2

🔔 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.

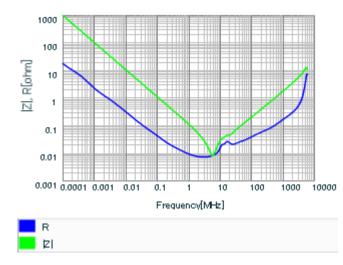
muRata Murata Manufacturing Co., Ltd.

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

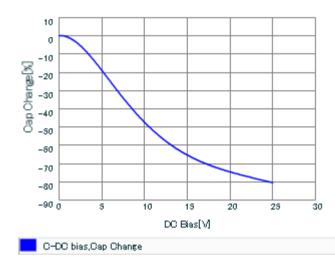
Last updated: 2013/10/20

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

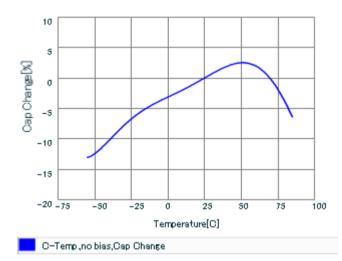
Frequency characteristics (ESR, Impedance)



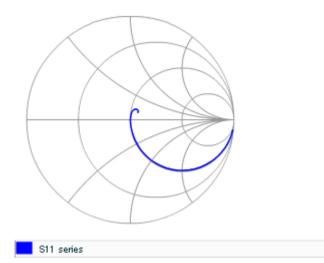
DC bias characteristics



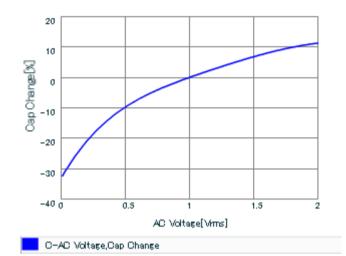
Capacitance - temperature characteristics



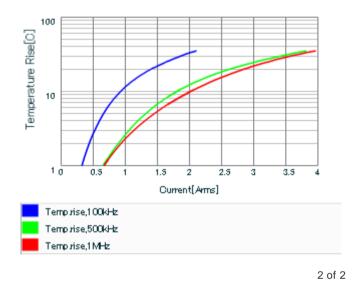
S parameter (Smith chart S11)



AC voltage characteristics



Calorific property by ripple current



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