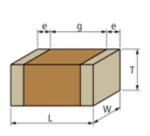


## GRM219R61E225KA12#

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

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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.

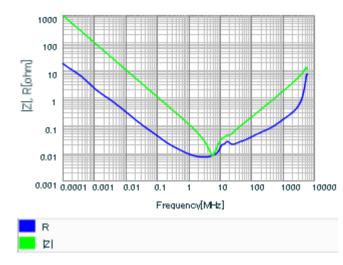
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URL : http://www.murata.co.jp/

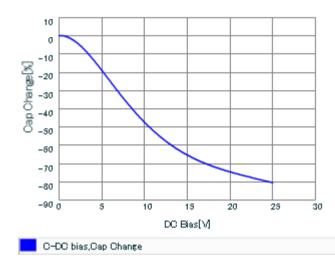
Last updated: 2013/10/20

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

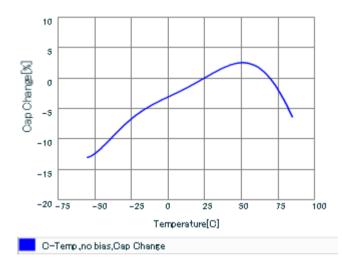
## Frequency characteristics (ESR, Impedance)



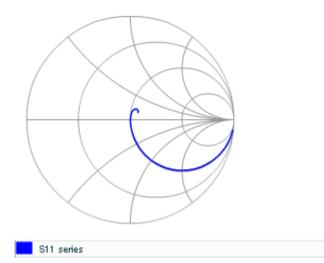
DC bias characteristics



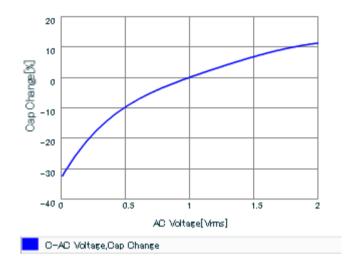
Capacitance - temperature characteristics



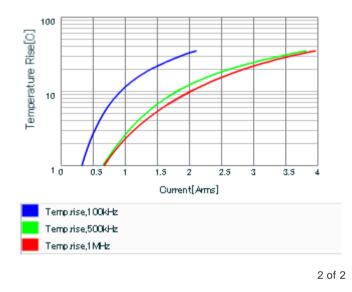
S parameter (Smith chart S11)



AC voltage characteristics



Calorific property by ripple current



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