

# GRM219R61E225KA12#

"#" indicates a package specification code.







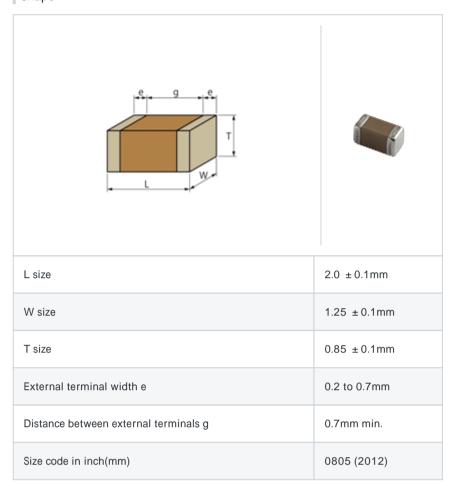






< List of part numbers with package codes > GRM219R61E225KA12J , GRM219R61E225KA12J

#### Shape



### References

Packaging	Specifications	Minimum quantity
D	180mm Paper taping	4000
J	330mm Paper taping	10000

Mass (typ.)	
1 piece	11mg
180mm Reel	162g

## 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
Operating temperature range	-55 to 85

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### **Attention**

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- 2. This datasheet has only typical specifications because there is no space for detailed specifications.

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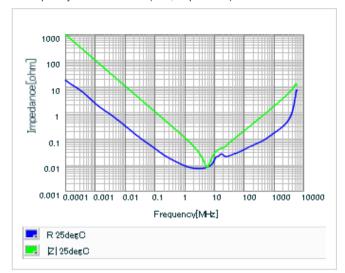


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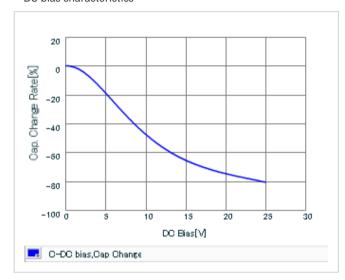
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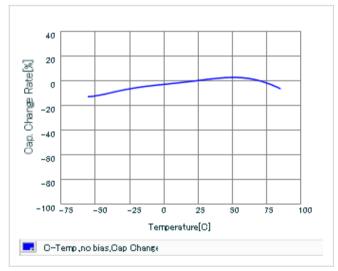
Frequency characteristics (ESR, Impedance)



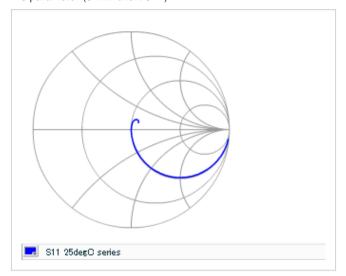
DC bias characteristics



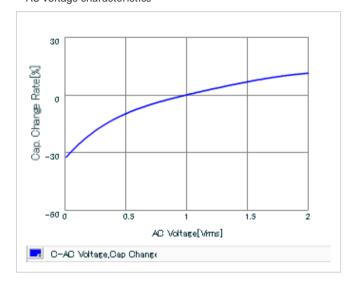
Capacitance - temperature characteristics



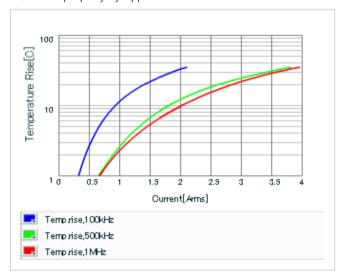
S parameter (Smith chart S11)



AC voltage characteristics



Calorific property by ripple current



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