muRata Capacitor data sheet

GRM316R61E225KA12#

"#" indicates a package specification code.



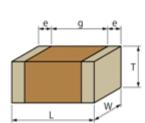






< List of part numbers with package codes > GRM316R61E225KA12D , GRM316R61E225KA12J

Shape





L size 3.2 ± 0.15 mm W size 1.6 ± 0.15 mm 0.6 ± 0.1 mm T size External terminal width e 0.3 to 0.8mm 1.5mm min. Distance between external terminals g Size code in mm(inch) 3216 (1206)

Specifications

 $2.2 \mu F \pm 10\%$ Capacitance 25Vdc Rated voltage X5R(EIA) Temperature characteristics (complied standard) Capacitance change rate ± 15.0% -55 to 85 Temperature range of temperature characteristics Operating temperature range -55 to 85

References

Pa	ackaging	Specifications Minimum quantity
D	180mm Paper taping	4000
J	330mm Paper taping	10000
		Mass (typ.)
1 piece		15mg
180mm	Reel	167g

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

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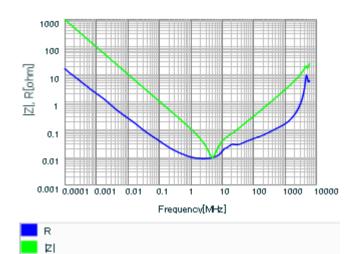
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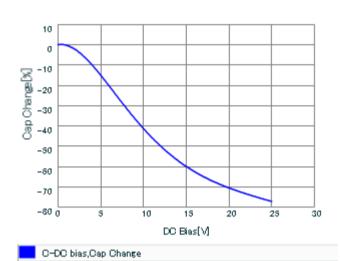
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Chart of characteristic data (The charts below may show another part number which shares its characteristics.)

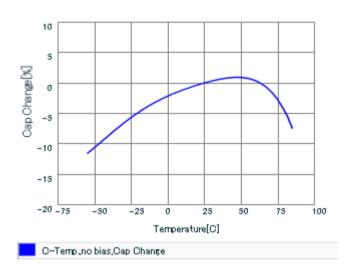
Frequency characteristics (ESR, Impedance)



DC bias characteristics



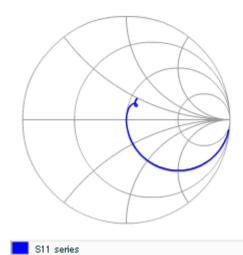
Capacitance - temperature characteristics



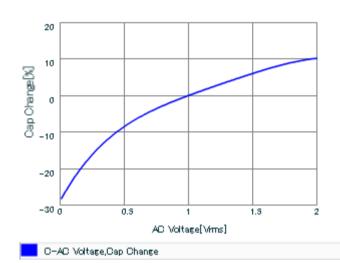
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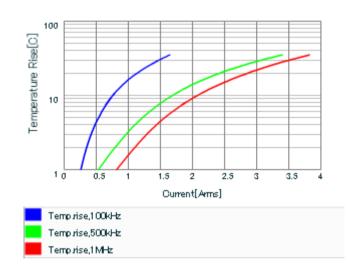
S parameter (Smith chart S11)



AC voltage characteristics



Calorific property by ripple current



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