## muRata Capacitor data sheet

## GRM188R71H471KA01#

"#" indicates a package specification code.





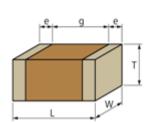




< List of part numbers with package codes >

GRM188R71H471KA01D , GRM188R71H471KA01J

Shape





L size  $1.6 \pm 0.1$ mm W size  $0.8 \pm 0.1$ mm  $0.8 \pm 0.1$ mm T size External terminal width e 0.2 to 0.5mm 0.5mm min. Distance between external terminals g Size code in mm(inch) 1608 (0603)

## Specifications

Capacitance 470pF ± 10% 50Vdc Rated voltage X7R(EIA) Temperature characteristics (complied standard) Capacitance change rate ± 15.0% Temperature range of temperature characteristics -55 to 125 Operating temperature range -55 to 125

## References

Spec	ifications	Minimum quantity
180mm Paper taping		4000
330mm Paper taping		10000
	Mass (typ.)	
	6.3mg	
	144g	
	180mm Paper taping	330mm Paper taping  Mass (typ.)  6.3mg

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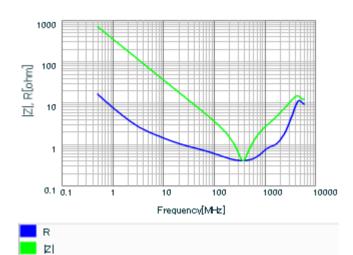


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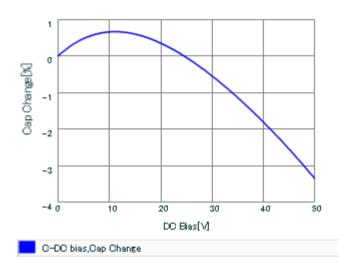
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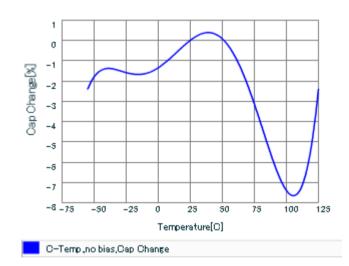
Frequency characteristics (ESR, Impedance)



DC bias characteristics



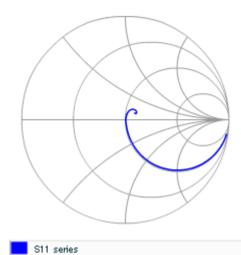
Capacitance - temperature characteristics



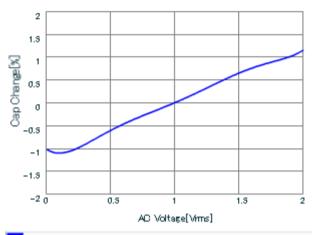
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S parameter (Smith chart S11)



AC voltage characteristics



C-AC Voltage,Cap Change

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