# GRM188R71A154KA01#

"#" indicates a package specification code.





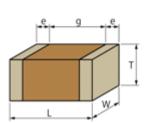




< List of part numbers with package codes >

GRM188R71A154KA01D , GRM188R71A154KA01J

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 Distance between external terminals g 0.5mm min. Size code in mm(inch) 1608 (0603)

### Specifications

Capacitance Rated voltage Temperature characteristics (complied standard) Capacitance change rate

Temperature range of temperature characteristics Operating temperature range

 $0.15 \mu F \pm 10\%$ 10Vdc X7R(EIA) ± 15.0% -55 to 125 -55 to 125

#### References

Pack	aging	Specifications Minimum quan	tity
D	180mm Paper taping	4000	
J	330mm Paper taping	10000	
		Mass (typ.)	
1 piece		6.3mg	
180mm Re	eel	144g	

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## 🔔 Attention

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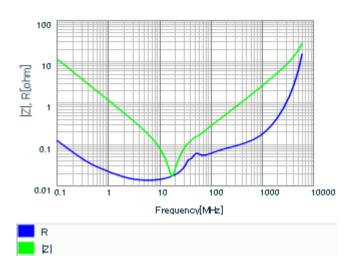


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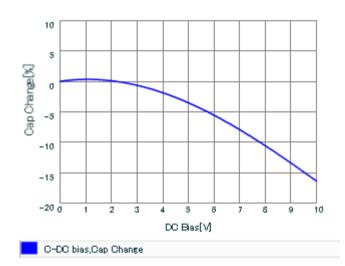
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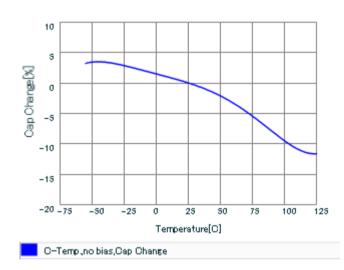
Frequency characteristics (ESR, Impedance)



DC bias characteristics



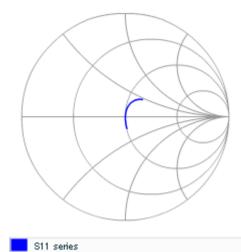
Capacitance - temperature characteristics



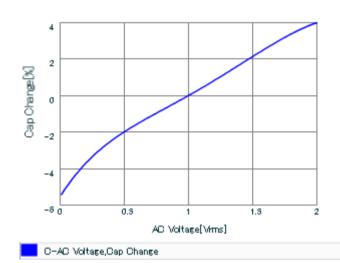
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#### S parameter (Smith chart S11)



AC voltage characteristics



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