## GRM155R71C103KA01#

"#" indicates a package specification code.

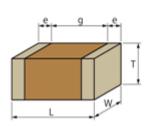




< List of part numbers with package codes >

GRM155R71C103KA01D , GRM155R71C103KA01W , GRM155R71C103KA01J

## Shape





L size  $1.0 \pm 0.05$ mm W size  $0.5 \pm 0.05$ mm  $0.5 \pm 0.05$ mm T size External terminal width e 0.15 to 0.35mm 0.3mm min. Distance between external terminals g Size code in mm(inch) 1005 (0402)

## Specifications

Capacitance  $10000pF \pm 10\%$ Rated voltage 16Vdc 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

References					
Packaging		Specifications			Minimum quantity
D	180mm Paper taping			10000	
J	330mm Paper taping			50000	
W	180mm Paper taping (W8P1*)  * Width: 8mm, Pocket pitch: 1mm			20000	
		Mass (typ.)			
1 piece			1.6mg		
180mm Reel			118g		

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

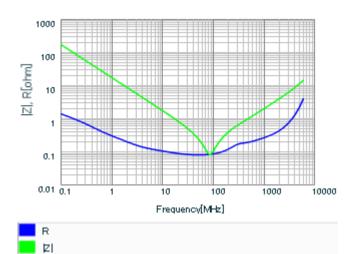
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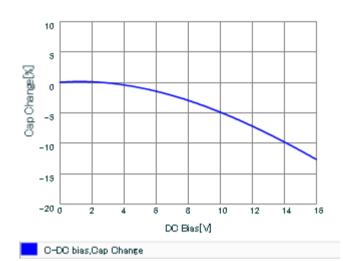
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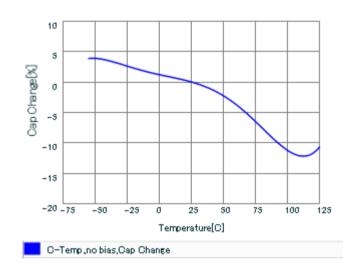
Frequency characteristics (ESR, Impedance)



DC bias characteristics



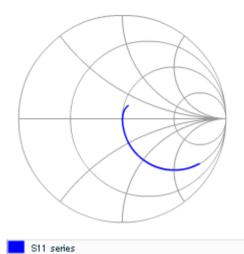
Capacitance - temperature characteristics



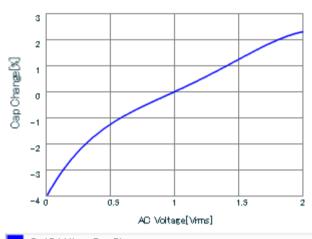
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S parameter (Smith chart S11)



AC voltage characteristics



C-AC Voltage,Cap Change

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