# muRata Capacitor data sheet

## GRM033R71E152KA01#

"#" indicates a package specification code.

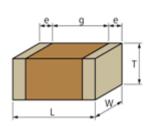




< List of part numbers with package codes >

GRM033R71E152KA01D , GRM033R71E152KA01W , GRM033R71E152KA01J

#### Shape





L size  $0.6 \pm 0.03$ mm W size  $0.3 \pm 0.03$ mm  $0.3 \pm 0.03$ mm T size External terminal width e 0.1 to 0.2mm 0.2mm min. Distance between external terminals g Size code in mm(inch) 0603 (0201)

### Specifications

1500pF ± 10% Capacitance 25Vdc 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

Pa	ckaging	Specifications			Minimum quantity
D	180mm Paper taping			15000	
J	330mm Paper taping			50000	
W	180mm Paper taping (W8P1*)  * Width: 8mm, Pocket pitch: 1mm			30000	
		Mass (typ.)			
1 piece			0.33mg		
180mr	n Reel		118g		

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1. This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it 's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.

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

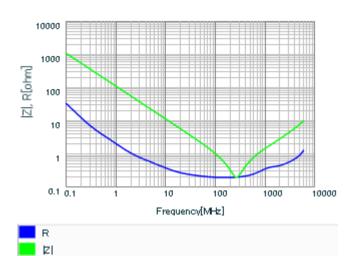
Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

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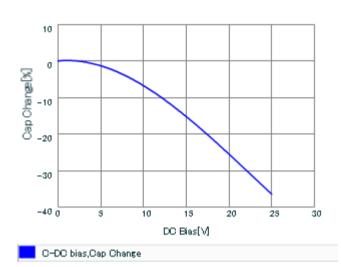
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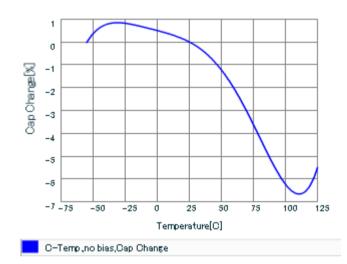
Frequency characteristics (ESR, Impedance)



DC bias characteristics



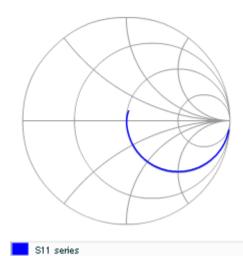
Capacitance - temperature characteristics



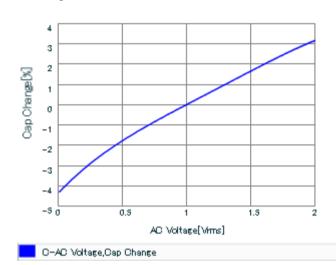
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S parameter (Smith chart S11)



AC voltage characteristics



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