

# GRM155R71H152KA01#

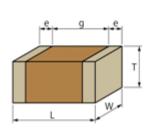
"#" indicates a package specification code.

## Recommended Reflow OK With RoHS

< List of part numbers with package codes >

 $\mathsf{GRM155R71H152KA01D}\ ,\ \mathsf{GRM155R71H152KA01W}\ ,\ \mathsf{GRM155R71H152KA01J}$ 

Shape





L size	1.0 ± 0.05mm
W size	0.5 ±0.05mm
T size	0.5 ±0.05mm
External terminal width e	0.15 to 0.35mm
Distance between external terminals g	0.3mm min.
Size code in mm(inch)	1005 (0402)
Specifications	
Capacitance	1500pF ±10%
Rated voltage	50Vdc
Temperature characteristics (complied standard)	X7R(EIA)
Capacitance change rate	± 15.0%
Temperature range of temperature characteristics	-55 to 125
Operating temperature range	-55 to 125
References	

Pac	kaging Speci	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

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#### 🔔 Attention

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.

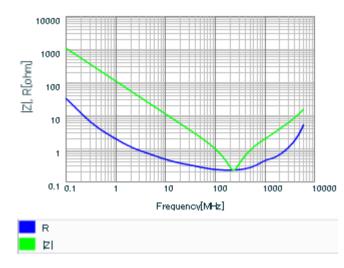
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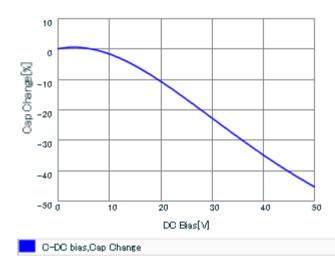
118g

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

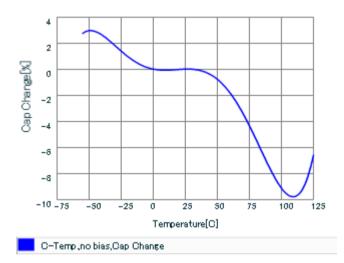
#### Frequency characteristics (ESR, Impedance)



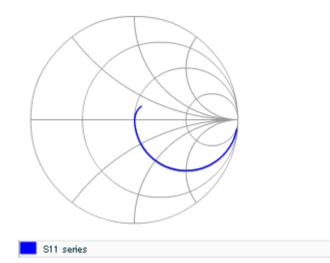
DC bias characteristics



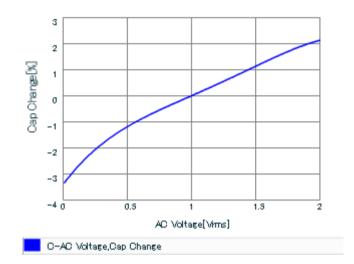
Capacitance - temperature characteristics



S parameter (Smith chart S11)



AC voltage characteristics



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Last updated: 2013/10/23