

# GRM155R71E103KA01#

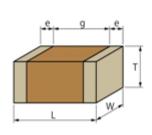
"#" indicates a package specification code.

## Recommended Reflow OK Omplies

< List of part numbers with package codes >

 $\mathsf{GRM155R71E103KA01D}\ ,\ \mathsf{GRM155R71E103KA01W}\ ,\ \mathsf{GRM155R71E103KA01J}$ 

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	10000pF ±10%
Rated voltage	25Vdc
Temperature characteristics (complied standard)	X7R(EIA)
Capacitance change rate	± 15.0%
Temperature range of temperature characteristics	-55 to 125
	-55 to 125

Pa	ckaging Specificati	ons Mini	num 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.

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

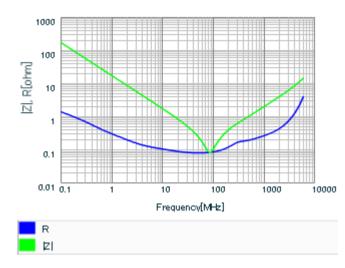
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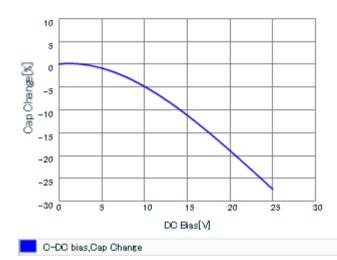
118g

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

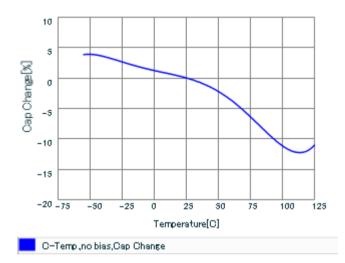
#### Frequency characteristics (ESR, Impedance)



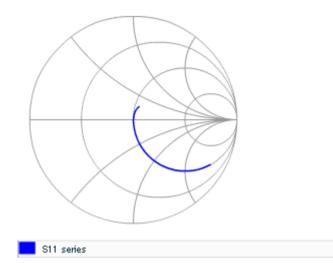
DC bias characteristics



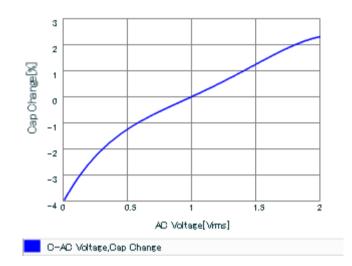
Capacitance - temperature characteristics



S parameter (Smith chart S11)



AC voltage characteristics



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