

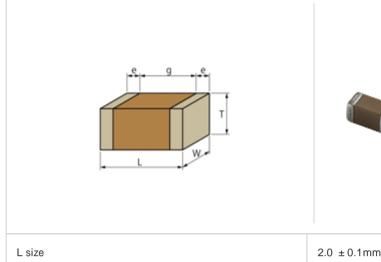
# GRM21BR71H105KA12#

"#" indicates a package specification code.

#### RoHS Available General

< List of part numbers with package codes >  $\mathsf{GRM21BR71H105KA12L} \ , \ \mathsf{GRM21BR71H105KA12K}$ 

# Shape



	Pack

- L -		
		1 pie
L size	2.0 ±0.1mm	18
W size	1.25 ±0.1mm	
T size	1.25 ±0.1mm	
External terminal width e	0.2 to 0.7mm	
Distance between external terminals g	0.7mm min.	

0805 (2012)

## References

Packaging	Specifications	Minimum quantity
L	180mm Embossed taping	3000
K	330mm Embossed taping	10000

Mass (typ.)		
1 piece	17mg	
180mm Reel	102g	

## Specifications

Size code in inch(mm)

Capacitance	$1.0\mu F \pm 10\%$
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

# 🔔 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.

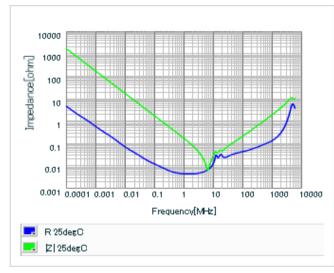
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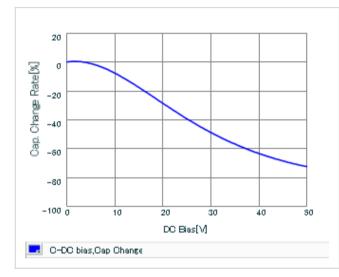
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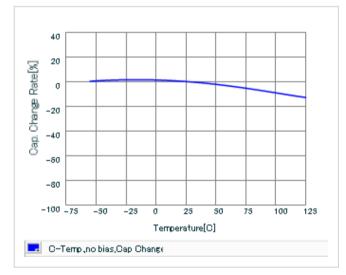




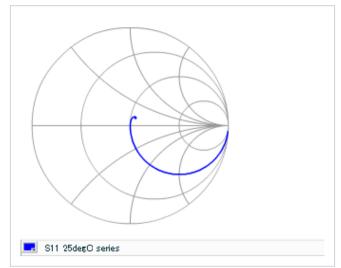
### DC bias characteristics

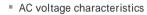


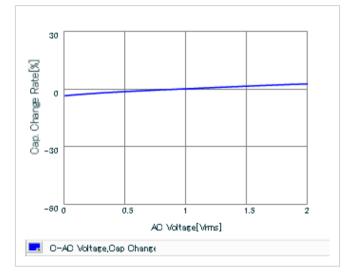
Capacitance - temperature characteristics



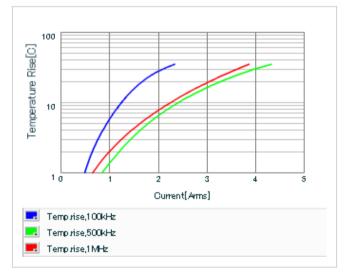
# S parameter (Smith chart S11)







Calorific property by ripple current



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