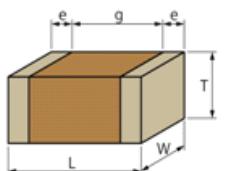




&lt; List of part numbers with package codes &gt;

GRM155R61H105KE05D, GRM155R61H105KE05J

## Shape



L size	1.0 ±0.1mm
W size	0.5 ±0.1mm
T size	0.5 ±0.1mm
External terminal width e	0.15 to 0.35mm
Distance between external terminals g	0.3mm min.
Size code in inch(mm)	0402 (1005M)

## Notes

Derating1.  
Only for mobile devices

## References

Packaging	Specifications	Minimum quantity
D	ø180mm Paper taping	10000
J	ø330mm Paper taping	40000

Mass (typ.)	
1 piece	1.6mg
ø180mm Reel	118g

## Specifications

Capacitance	1.0μF ±10%
Rated voltage	50Vdc
Temperature characteristics (complied standard)	X5R(EIA)
Capacitance change rate	±15.0%
Temperature range of temperature characteristics	-55 to 85°C
Operating temperature range	-55 to 85°C

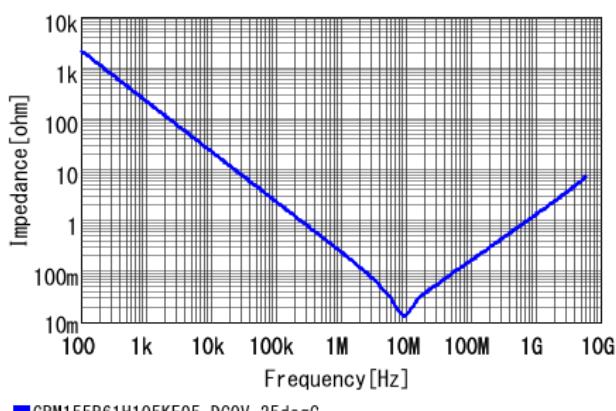
## Attention

1. This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, its 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.

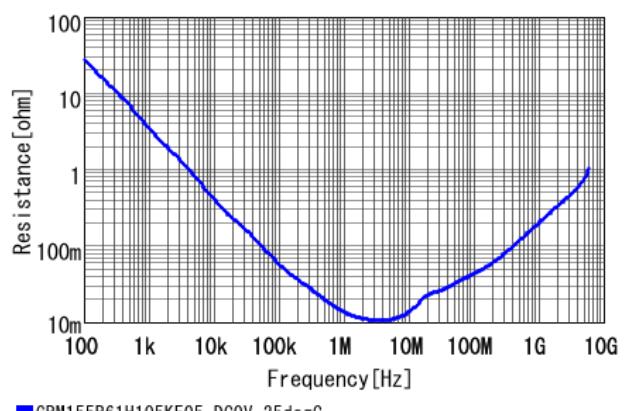
2. This datasheet has only typical specifications because there is no space for detailed specifications.

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

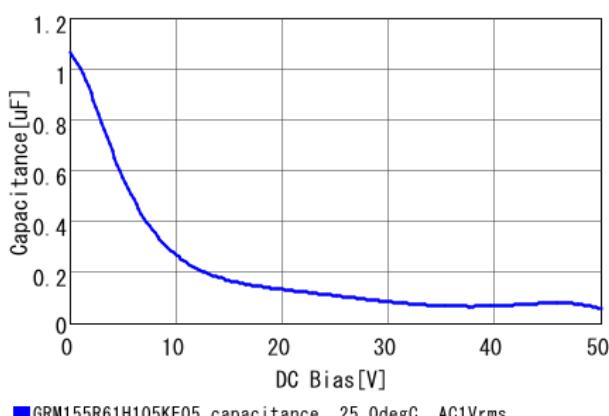
Frequency Characteristic |Z|



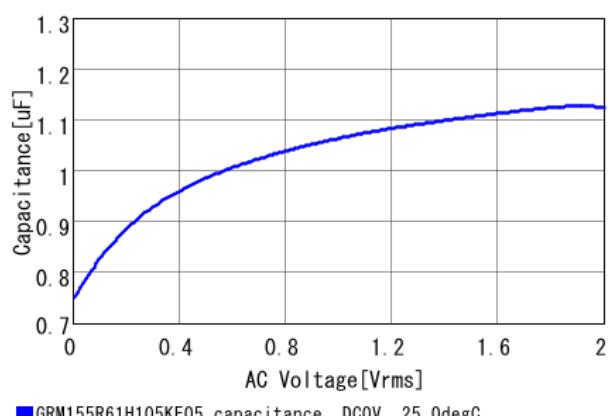
Frequency Characteristic R



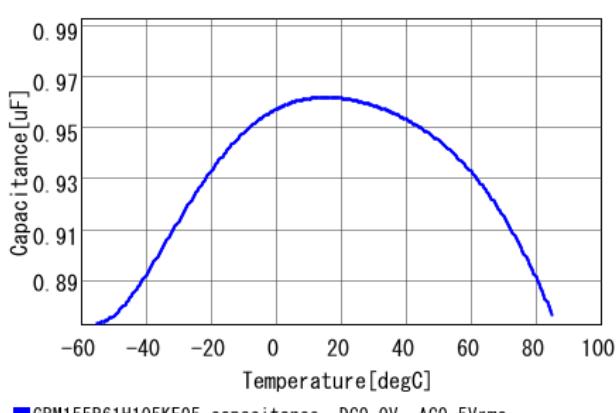
DC bias characteristics



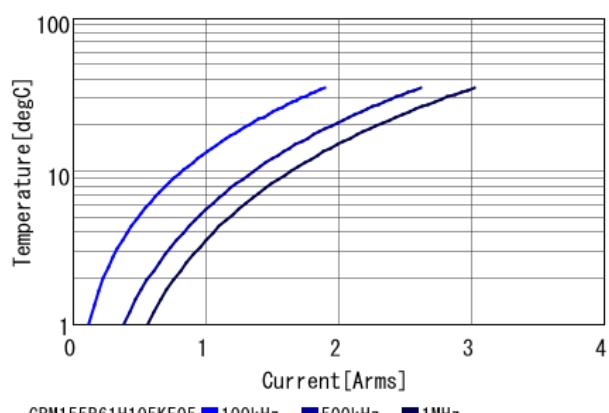
AC Voltage Characteristics



Temperature Characteristics



Temp. Rise from ripple Characteristics



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