

# GRM31M7U1H823JA01#

“#” indicates a package specification code.



< List of part numbers with package codes >

GRM31M7U1H823JA01L GRM31M7U1H823JA01K

## Appearance & Shape



## References

Packaging	Specifications	Minimum Order Quantity
L	180Embossed Tape	3000
K	330Embossed Tape	10000

Mass (typ.)	
1 piece	27mg
φ180mm Reel	125g

### 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.

# GRM31M7U1H823JA01#

“#” indicates a package specification code.

## Specifications

Length	3.2±0.15mm
Width	1.6±0.15mm
Thickness	1.15±0.1mm
Capacitance	82000pF ±5%
Distance between external terminals g	1.5mm min.
External terminal size e	0.3 to 0.8mm
Operating Temperature Range	-55°C to 125°C
Rated Voltage	50Vdc
Size code in inch(mm)	1206 (3216M)
TC	-750±120ppm/°C
Temperature characteristics (complied standard)	U2J(EIA)
Temperature range of temperature characteristics	25°C to 85°C

### Attention

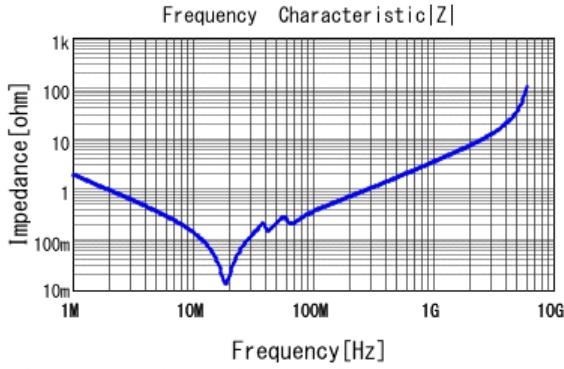
- 1.This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.
- 2.This datasheet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

# GRM31M7U1H823JA01#

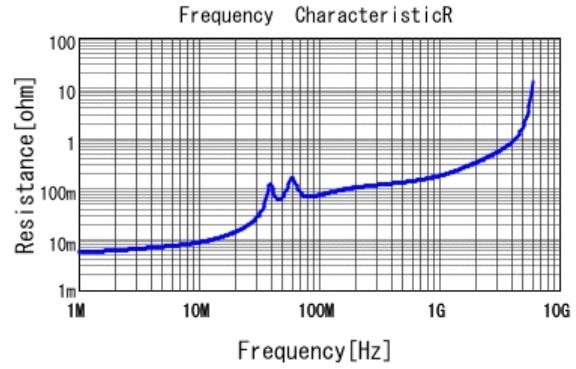
"#" indicates a package specification code.

## Characteristic Data

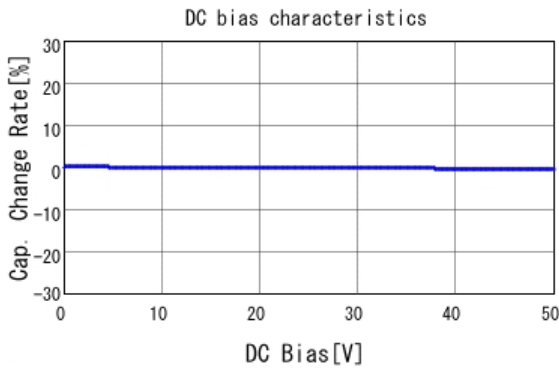
The charts below may show another part number which shares its characteristics.



■ GRM31M7U1H823JA01 |Z| DCOV, 25degC



■ GRM31M7U1H823JA01 R DCOV, 25degC



■ GRM31M7U1H823JA01 C-DC bias capchange, 25.0degC, AC1V



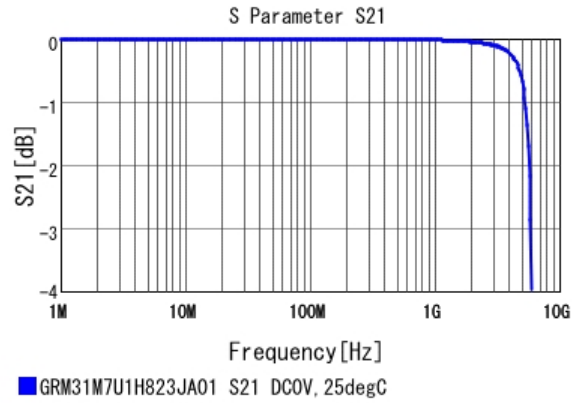
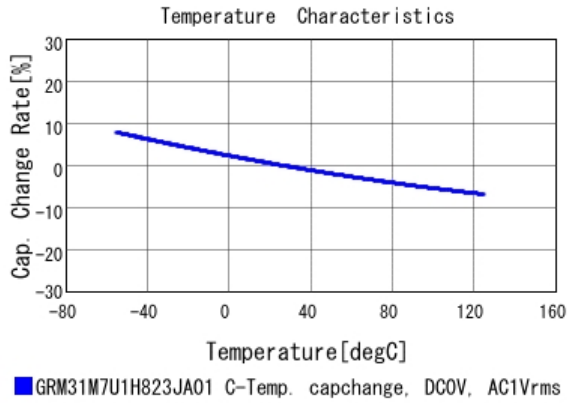
■ GRM31M7U1H823JA01 C-AC Voltage capchange, DCOV, 25.0d

**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.

# GRM31M7U1H823JA01#

"#" indicates a package specification code.



**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.