

GCM31MR71H105KA55#

“#” indicates a package specification code.



< List of part numbers with package codes >

GCM31MR71H105KA55L GCM31MR71H105KA55K

Appearance & Shape



References

Packaging	Specifications	Standard Packing Quantity
L	180Embossed Tape	3000
K	330Embossed Tape	10000

Mass (typ.)	
1 piece	34.0mg
φ180mm Reel	149g

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.

GCM31MR71H105KA55#

“#” indicates a package specification code.

Specifications

Length	3.2±0.15mm
Width	1.6±0.15mm
Thickness	1.15±0.1mm
Capacitance	1.0μF ±10%
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)
Capacitance change rate	±15.0%
Temperature characteristics (complied standard)	X7R(EIA)
Temperature range of temperature characteristics	-55°C to 125°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.

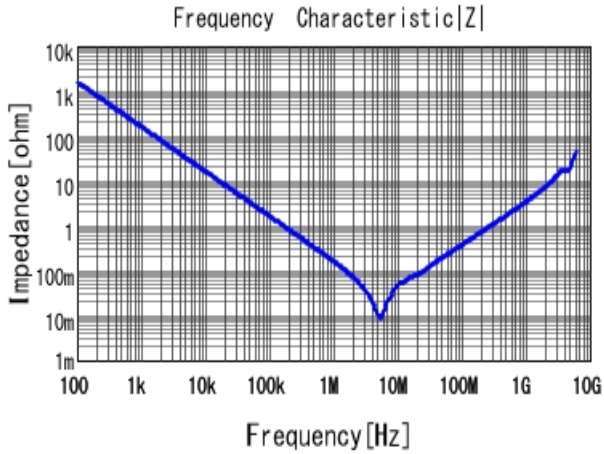
GCM31MR71H105KA55#

“#” indicates a package specification code.

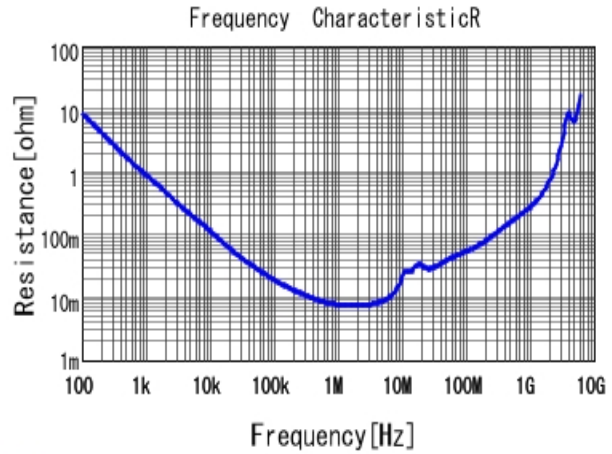


Characteristic Data

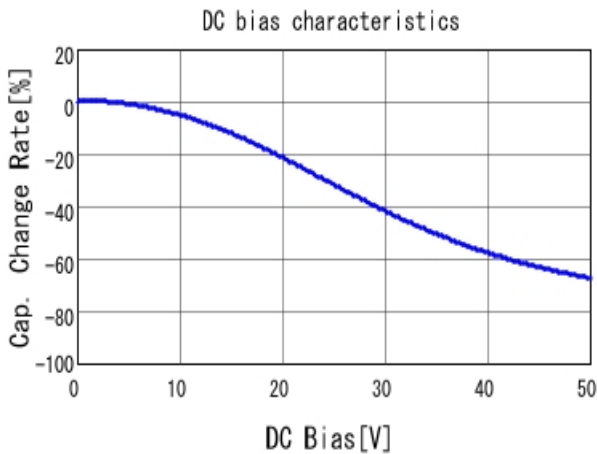
The charts below may show another part number which shares its characteristics.



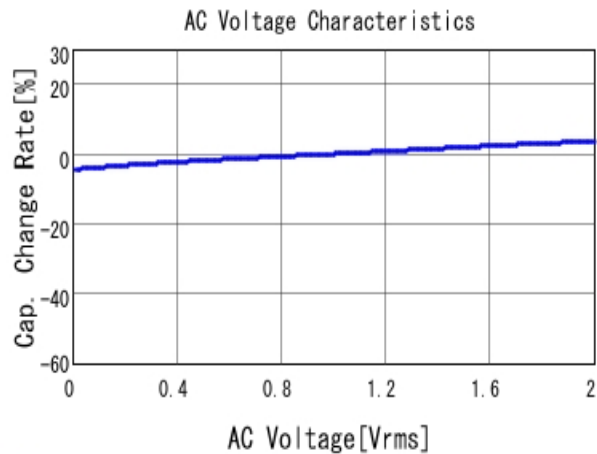
GCM31MR71H105KA55 |Z| DC0V, 25degC



GCM31MR71H105KA55 R DC0V, 25degC



GCM31MR71H105KA55 C-DC bias capchange, 25.0degC, AC1.



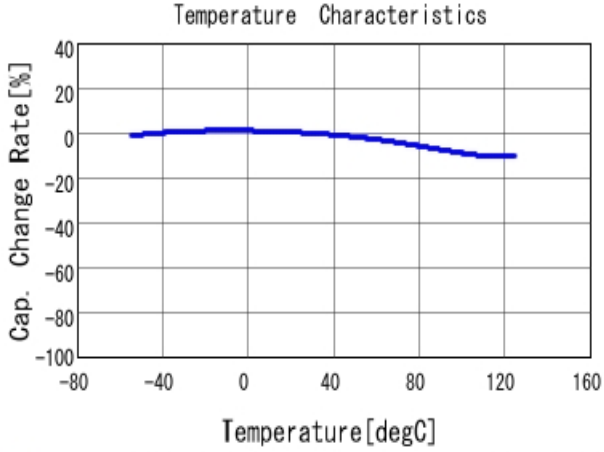
GCM31MR71H105KA55 C-AC Voltage capchange, DC0V, 25.0d

Attention

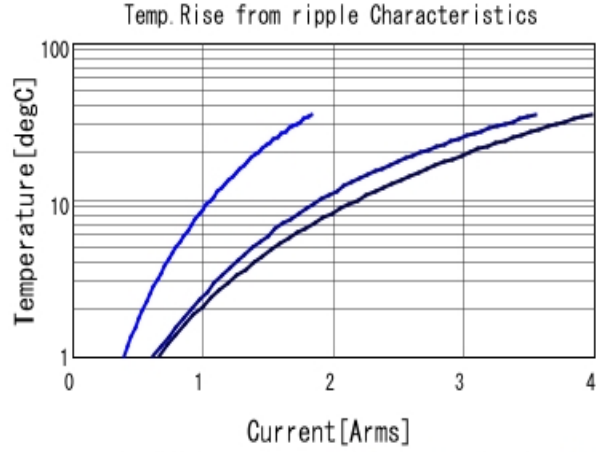
- 1.This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.
- 2.This datasheet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

GCM31MR71H105KA55#

"#" indicates a package specification code.



GCM31MR71H105KA55 C-Temp. capchange, DC0.0V, AC1.0V_rm



GCM31MR71H105KA55 Temp. rise ■ 100kHz ■ 500kHz ■ 1MHz

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.