Note: This datasheet may be out of date.

Please download the latest datasheet of GCM21BR71H104KA37# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=GCM21BR71H104KA37%23

GCM21BR71H104KA37#

"#" indicates a package specification code.

| NRND | Power-train | AEC-Q200 | RoHS | REACH | 125 ℃ max. | Reflow OK | Flow OK |

< List of part numbers with package codes >

GCM21BR71H104KA37L   GCM21BR71H104KA37K

Appearance & Shape

References

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

Mass (typ.)	
1 piece	17.0mg
φ180mm Reel	102g

Attention

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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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Specifications

Length	2.0±0.15mm
Width	1.25±0.15mm
Thickness	1.25±0.15mm
Capacitance	0.10µF ±10%
Distance between external terminals g	0.7mm min.
External terminal size e	0.2 to 0.7mm
Operating Temperature Range	-55℃ to 125℃
Rated Voltage	50Vdc
Size code in inch(mm)	0805 (2012M)
Capacitance change rate	±15.0%
Temperature characteristics (complied standard)	X7R(EIA)
Temperature range of temperature characteristics	-55℃ to 125℃

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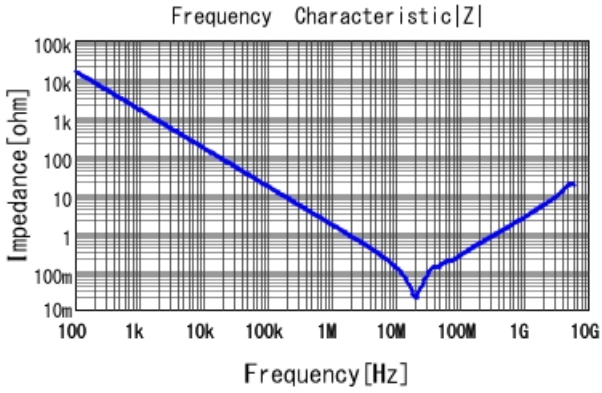
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GCM21BR71H104KA37#

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Characteristic Data

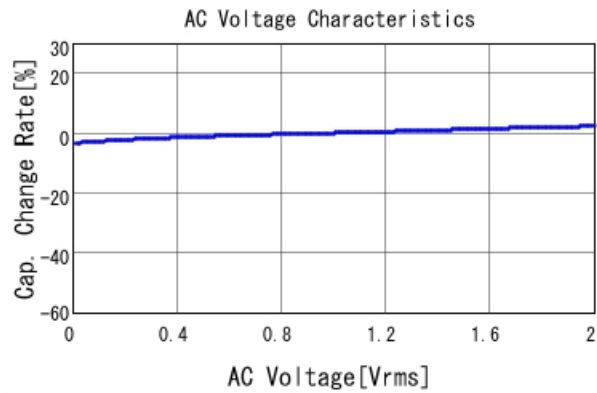The charts below may show another part number which shares its characteristics.

Frequency Characteristic|Z|

GCM21BR71H104KA37 |Z| DC0V, 25degC

Frequency CharacteristicR

GCM21BR71H104KA37 R DC0V, 25degC

DC bias characteristics
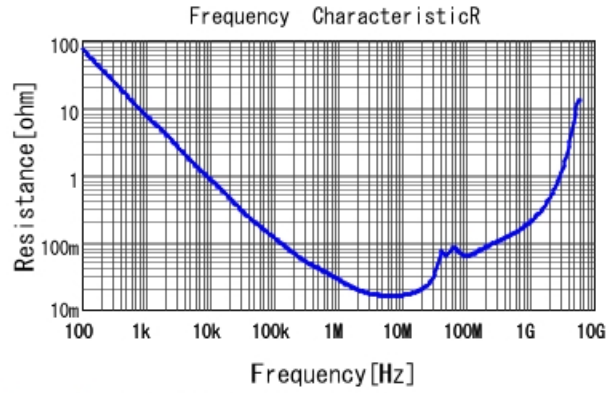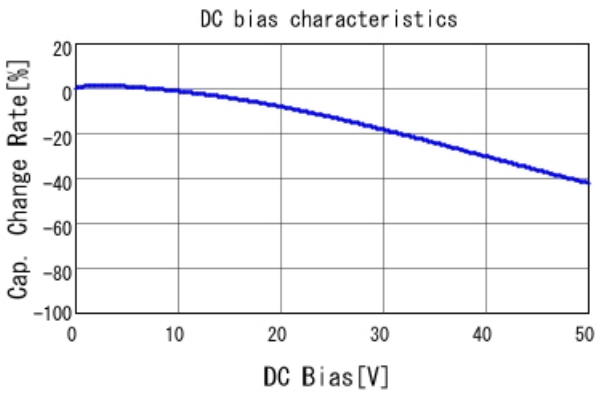
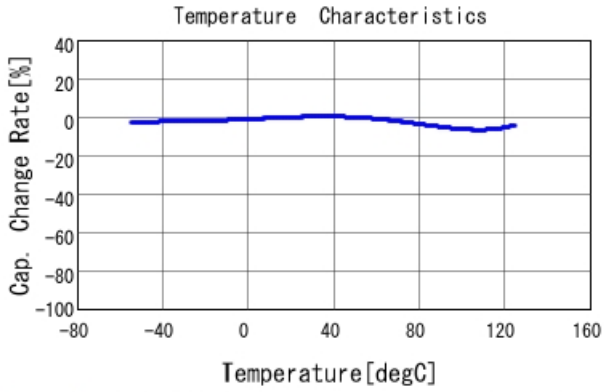GCM21BR71H104KA37 C-DC bias capchange, 25.0degC, A

AC Voltage Characteristics

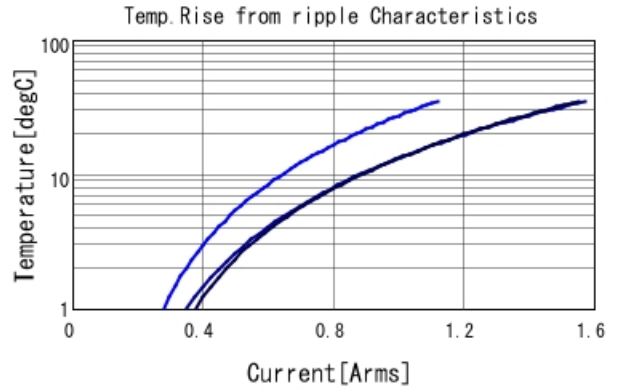GCM21BR71H104KA37 C-AC Voltage capchange, DC0V, 25

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Temperature Characteristics

GCM21BR71H104KA37 C-Temp. capchange, DC0.0V, AC1.0

Temp.Rise from ripple Characteristics

GCM21BR71H104KA37 Temp.rise ——400kHz ——800l

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