muRata
INNOVATOR IN ELECTRONICS

Product Search Data Sheet

Note: This datasheet may be out of date.
Please download the latest datasheet of GCM32D7U3A182JX01# from the official website of Murata Manufacturing Co., Ltd.
http://www.murata.com/en-US/products/productdetail?partno=GCM32D7U3A182JX01%23

GCM32D7U3A182JX01#

"#" indicates a package specification code.

In Production | Power-train | AEC-Q200 | RoHS | REACH | 125 ℃ max. | Reflow OK

< List of part numbers with package codes >
GCM32D7U3A182JX01K   GCM32D7U3A182JX01L

Appearance & Shape
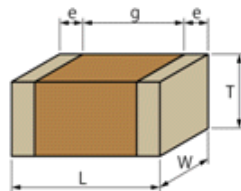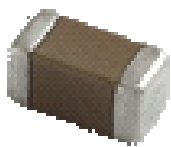
References

Packaging	Specifications	Minimum Order Quantity
K	330Embossed Tape	4000
L	180Embossed Tape	1000

Mass (typ.)	
1 piece	95mg
φ180mm Reel	123g

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Specifications

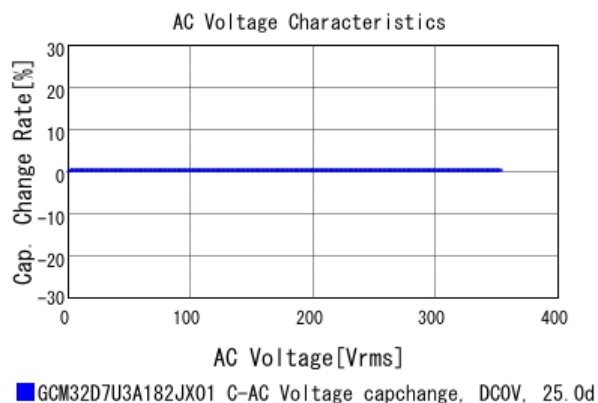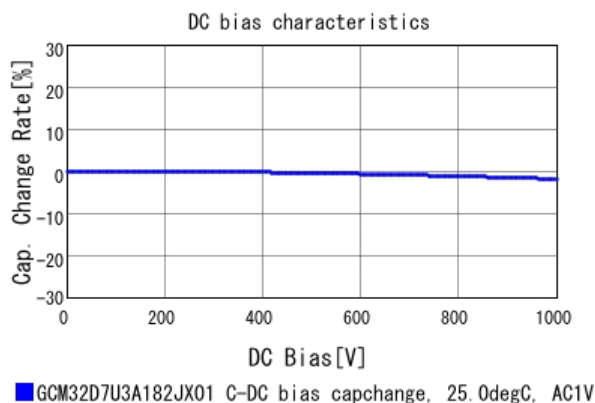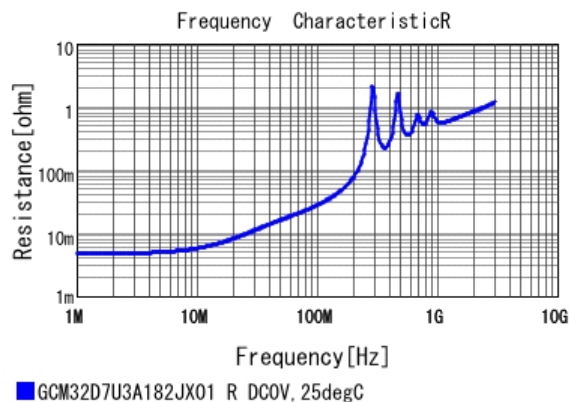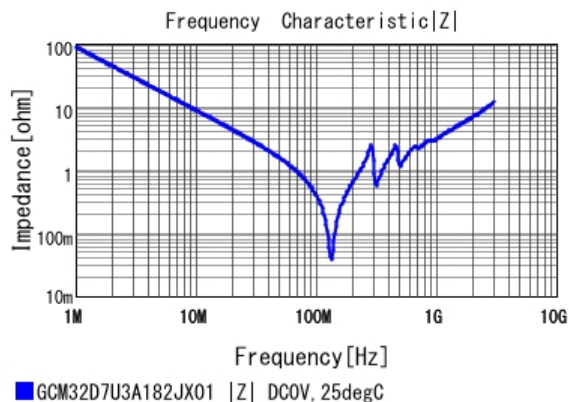|	
Length	3.2±0.2mm
Width	2.5±0.2mm
Thickness	2.0+0/-0.3mm
Capacitance	1800pF ±5%
Distance between external terminals g	1.2mm min.
External terminal size e	0.3mm min.
Operating Temperature Range	-55°C to 125°C
Rated Voltage	1000Vdc
Size code in inch(mm)	1210 (3225M)
TC	-750±120ppm/°C
Temperature characteristics (complied standard)	U2J(EIA)
Temperature range of temperature characteristics	25°C to 125°C

URL : https://www.murata.com/

Last updated2020/06/13

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Characteristic Data

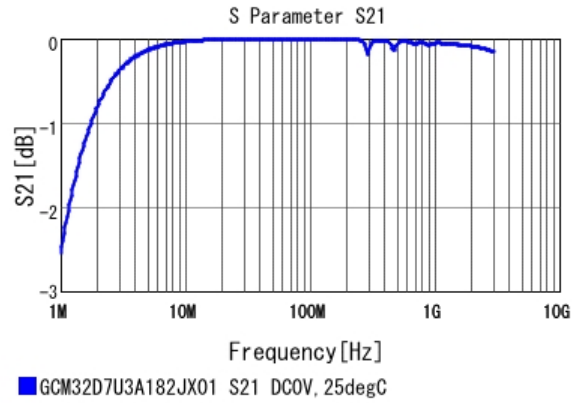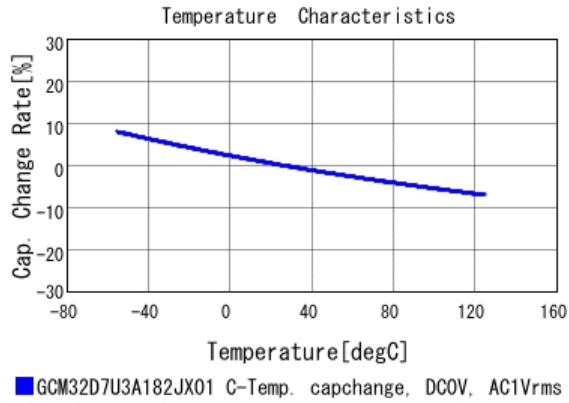The charts below may show another part number which shares its characteristics.

Frequency Characteristic|Z|

GCM32D7U3A182JX01 |Z| DC0V, 25degC

Frequency CharacteristicR

GCM32D7U3A182JX01 R DC0V, 25degC

DC bias characteristics

GCM32D7U3A182JX01 C-DC bias capchange, 25.0degC, AC1V

AC Voltage Characteristics

GCM32D7U3A182JX01 C-AC Voltage capchange, DC0V, 25.0d

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GCM32D7U3A182JX01#

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Temperature Characteristics

GCM32D7U3A182JX01 C-Temp. capchange, DC0V, AC1Vrms

S Parameter S21

GCM32D7U3A182JX01 S21 DC0V, 25degC

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