muRata Capacitor Data Sheet

GRM31CZ72A475KE11#

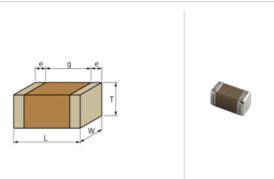"#" indicates a package specification code.

| In Production | General | 125℃ max. | Reflow OK | Flow OK | RoHS | REACH |

< List of part numbers with package codes >
GRM31CZ72A475KE11L , GRM31CZ72A475KE11K

Shape

L size	3.2 ±0.3mm
W size	1.6 ±0.3mm
T size	1.6 ±0.3mm
External terminal width e	0.3 to 0.9mm
Distance between external terminals g	1.5mm min.
Size code in inch(mm)	1206 (3216M)

Notes

Range of capacitance change rate is specified with 50% of rated voltage.

References

Packaging	Specifications	Minimum quantity
L	φ180mm Embossed taping	2000
K	φ330mm Embossed taping	6000

Mass (typ.)	
1 piece	64.0mg
φ180mm Reel	169g

Specifications

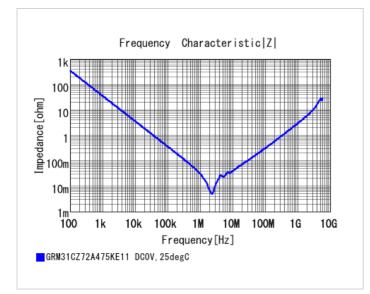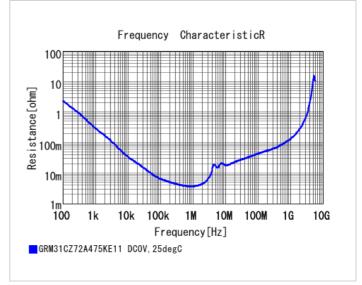| Capacitance	4.7μF ±10%
Rated voltage	100Vdc
Temperature characteristics (complied standard)	X7R(MURATA)
Capacitance change rate	±15.0%
Temperature range of temperature characteristics	-55 to 125℃
Operating temperature range	-55 to 125℃

⚠ 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.
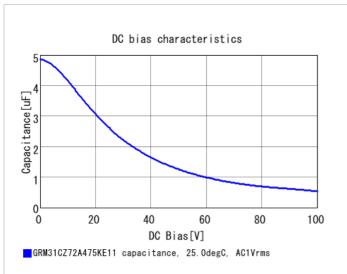2.This datasheet has only typical specifications because there is no space for detailed specifications.
Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

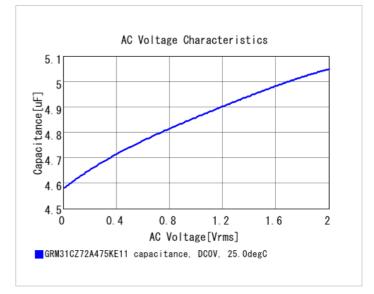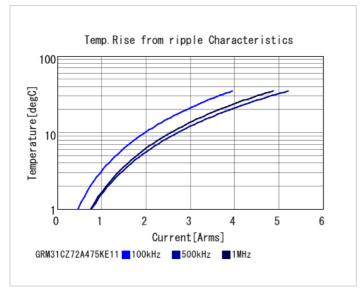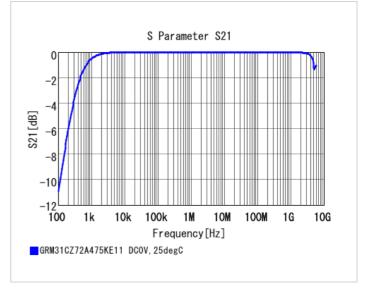muRata Murata Manufacturing Co., Ltd.

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

Last updated: 2020/01/16

Frequency Characteristic|Z|

GRM31CZ72A475KE11 DC0V, 25degC

Frequency CharacteristicR

GRM31CZ72A475KE11 DC0V, 25degC

DC bias characteristics

GRM31CZ72A475KE11 capacitance, 25.0degC, AC1Vrms

AC Voltage Characteristics

GRM31CZ72A475KE11 capacitance, DC0V, 25.0degC

Temp.Rise from ripple Characteristics

GRM31CZ72A475KE11 ■100kHz ■500kHz ■1MHz

S Parameter S21

GRM31CZ72A475KE11 DC0V, 25degC

⚠ **Attention**

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