muRata Capacitor data sheet

GRM188R71C104KA01#

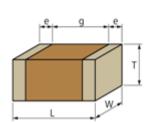"#" indicates a package specification code.

[Available] [Flow OK] [Reflow OK] [Complies with RoHS]

< List of part numbers with package codes >
GRM188R71C104KA01D , GRM188R71C104KA01J

Shape

L size	1.6 ± 0.1mm
W size	0.8 ± 0.1mm
T size	0.8 ± 0.1mm
External terminal width e	0.2 to 0.5mm
Distance between external terminals g	0.5mm min.
Size code in mm(inch)	1608 (0603)

Specifications

Capacitance	0.10μF ± 10%
Rated voltage	16Vdc
Temperature characteristics (complied standard)	X7R(EIA)
Capacitance change rate	± 15.0%
Temperature range of temperature characteristics	-55 to 125
Operating temperature range	-55 to 125

References

Packaging	Specifications	Minimum quantity
D	180mm Paper taping	4000
J	330mm Paper taping	10000

Mass (typ.)	
1 piece	6.3mg
180mm Reel	144g

⚠ **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.
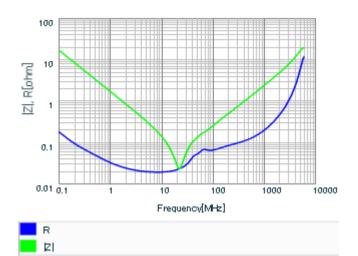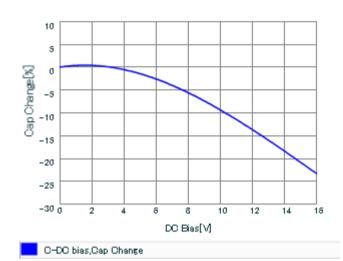
muRata **Murata Manufacturing Co., Ltd.**   URL : http://www.murata.co.jp/
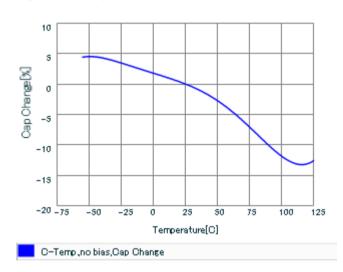
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Frequency characteristics (ESR, Impedance)

- R
- |Z|

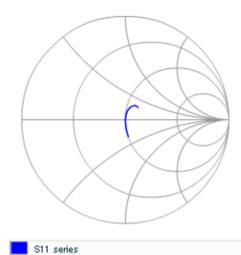S parameter (Smith chart S11)

- S11 series

DC bias characteristics

- C-DC bias,Cap Change

AC voltage characteristics

- C-AC Voltage,Cap Change

Capacitance - temperature characteristics

- C-Temp.,no bias,Cap Change

Calorific property by ripple current

- Temp.rise,400kHz
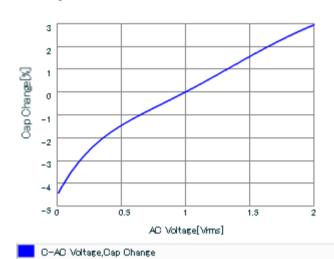- Temp.rise,800kHz
- Temp.rise,1MHz

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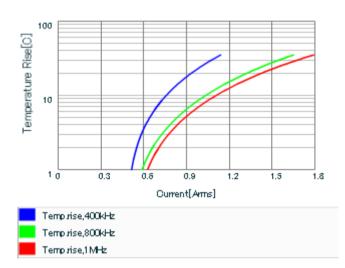
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