

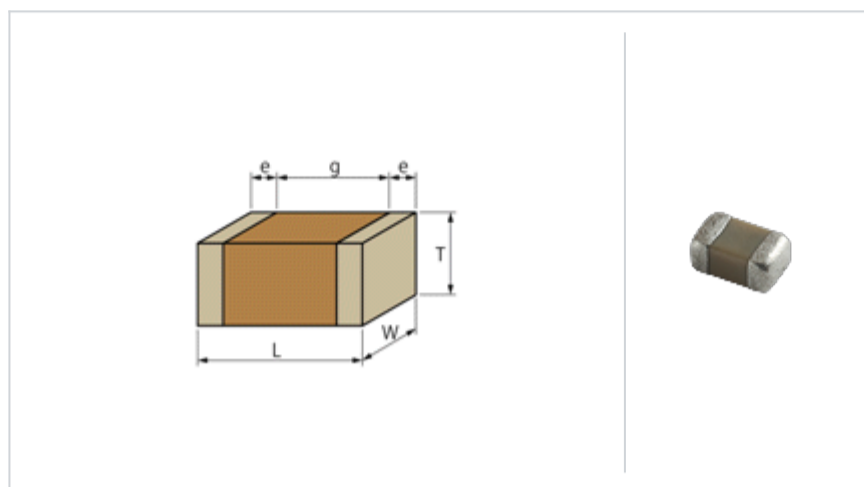
GR331AD72W103KW01#

"#" indicates a package specification code.



< List of part numbers with package codes >
GR331AD72W103KW01D , GR331AD72W103KW01J

Shape



L size	3.2 ± 0.2mm
W size	1.6 ± 0.2mm
T size	1.0 +0.0/-0.3mm
External terminal width e	0.3mm min.
Distance between external terminals g	1.2mm min.
Size code in inch(mm)	1206 (3216)

Notes

Large Capacitance and High Allowable Ripple Current

References

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

Mass (typ.)	
1 piece	34mg

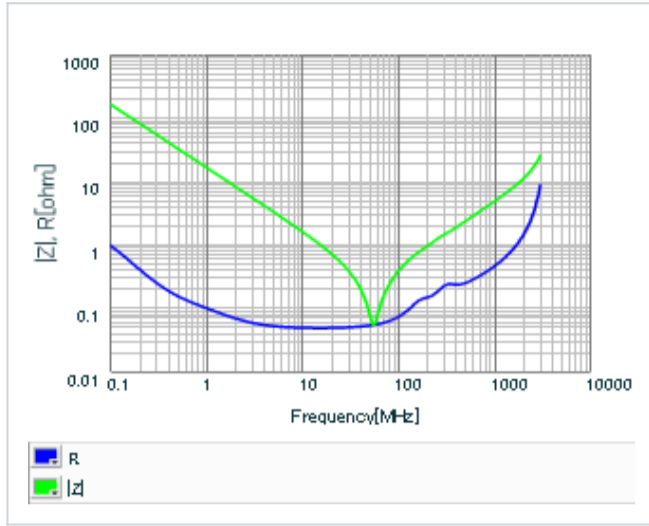
Specifications

Capacitance	10000pF ± 10%
Rated voltage	450Vdc
Temperature characteristics (complied standard)	X7T(EIA)
Capacitance change rate	+22.0/-33.0%
Temperature range of temperature characteristics	-55 to 125
Operating temperature range	-55 to 125

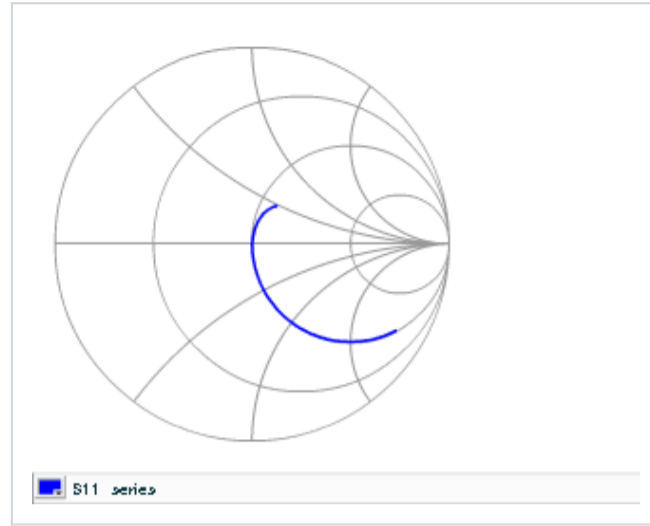
⚠ Attention

- 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.

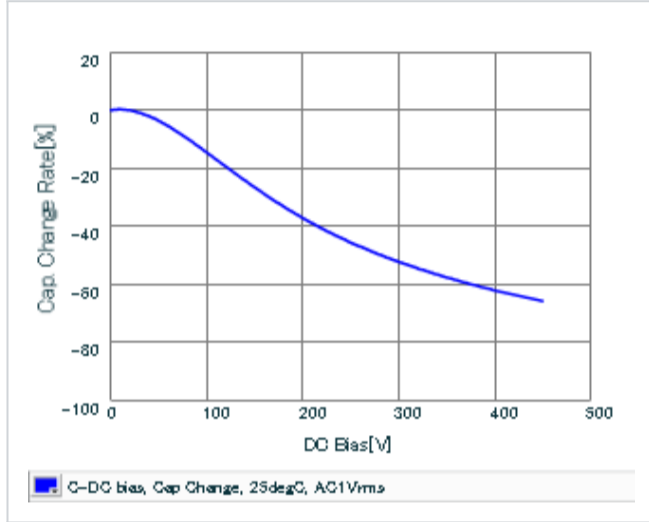
▪ Frequency characteristics (ESR, Impedance)



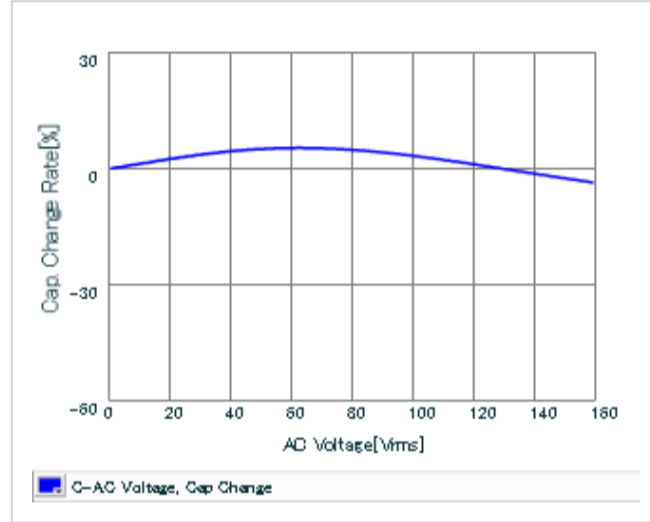
▪ S parameter (Smith chart S11)



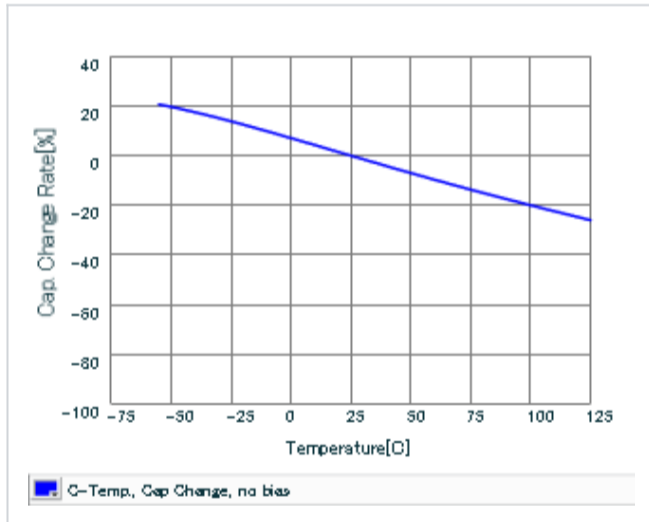
▪ DC bias characteristics



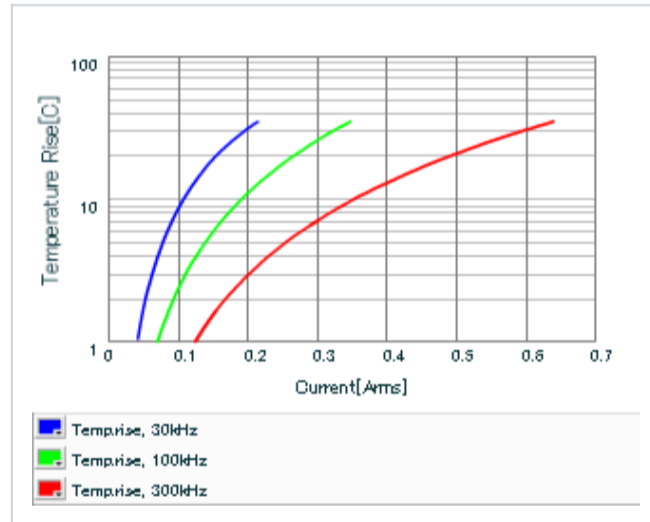
▪ AC voltage characteristics



▪ Capacitance - temperature characteristics



▪ Calorific property by ripple current



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