

GC355XD72W564KX05#

“ # ” indicates a package specification code.

Recommended

In Production

Power-train

AEC-Q200

125℃

Anti-noise


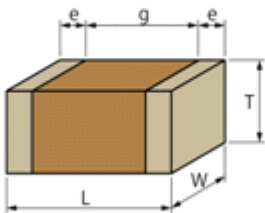
Reflow OK

RoHS

REACH

< List of part numbers with package codes >
GC355XD72W564KX05L

Shape



L size	5.7 ± 0.4mm
W size	5.0 ± 0.4mm
T size	2.7 +0.0/-0.3mm
External terminal width e	0.3mm min.
Distance between external terminals g	3.0mm min.
Size code in inch(mm)	2220 (5750)

Notes

Large Capacitance and High Allowable Ripple Current

References

Packaging	Specifications	Minimum quantity
L	180mm Embossed taping	500

Mass (typ.)	
1 piece	420mg
180mm Reel	261g

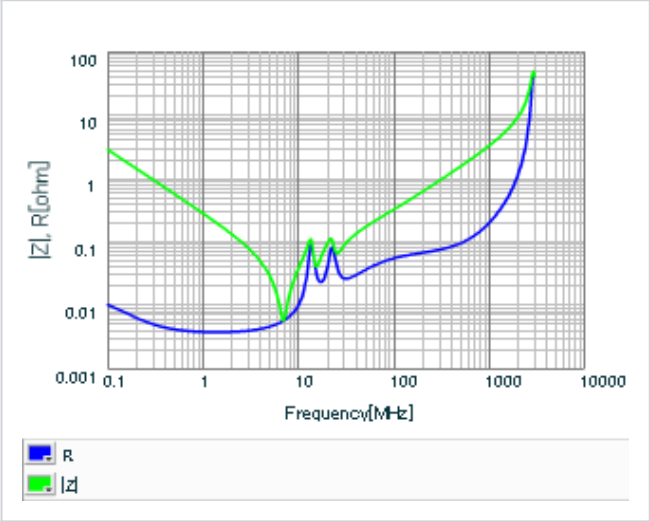
Specifications

Capacitance	0.56μF ± 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

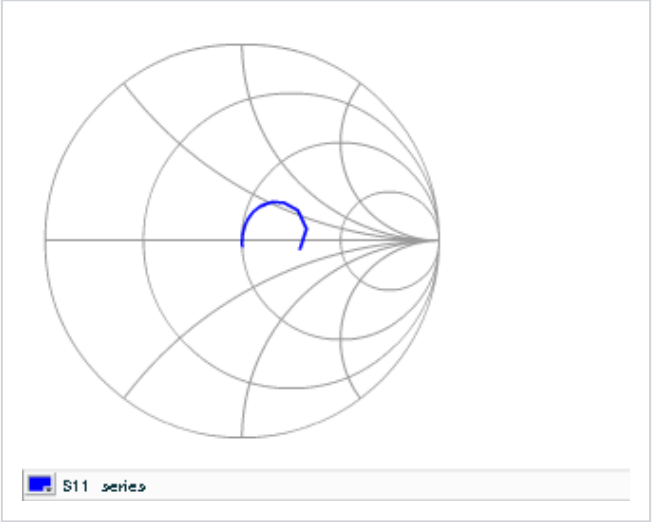
⚠ Attention

- 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.

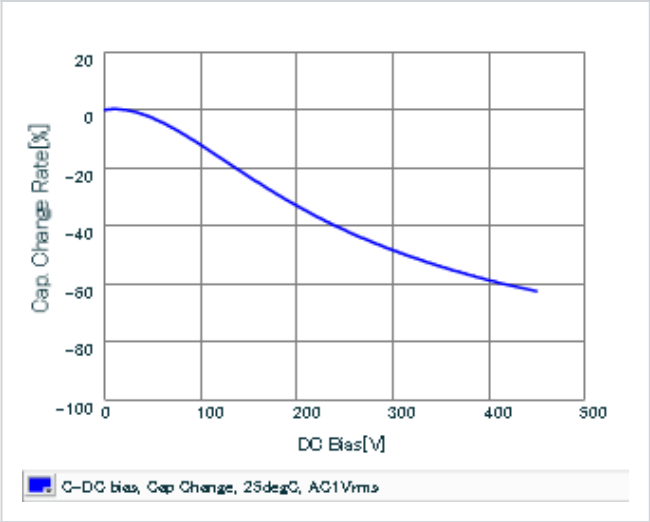
Frequency characteristics (ESR, Impedance)



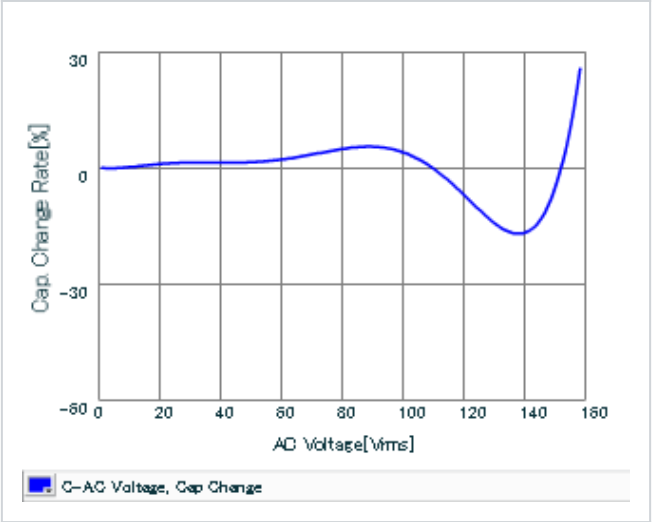
S parameter (Smith chart S11)



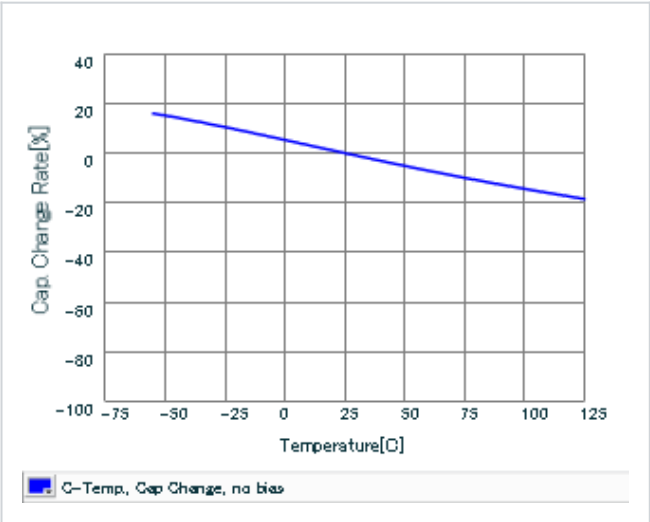
DC bias characteristics



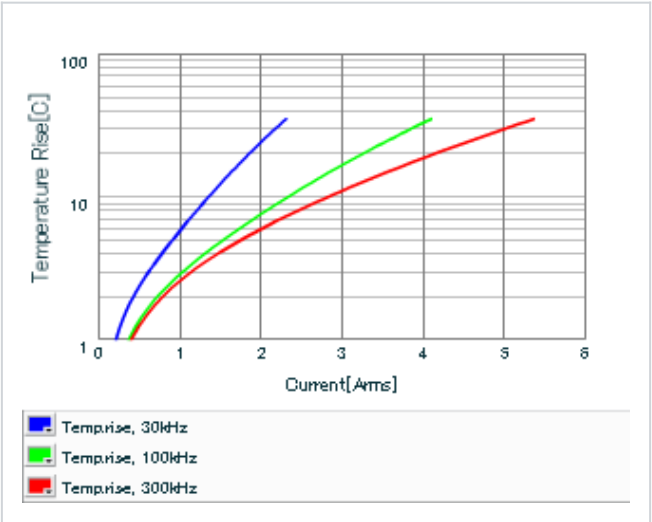
AC voltage characteristics



Capacitance - temperature characteristics



Calorific property by ripple current



This PDF data 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.