

LTspice Model

Capacitor

OKAYA

MDC_AFC630V105K_LT

Model Information

Model A macro model
Call Name MDC_AFC630V105K_LT
Pin Assign 1:Port1 2:Port2
File List Model Library MDC_AFC630V105K_LT.lib
Model Report MDC_AFC630V105K_LT.pdf(this file)
Verified Simulator Version LTspice XVII
Note

References

The information which was used for modeling is as follow:

[Data Sheet]

- Date/Version DAT.NO. 14002E003-2006
- Product name AFC630V105K
- Company name OKAYA ELECTRIC INDUSTRIES CO.,LTD.

[Characteristics listed]

- Characteristics Capacitance, Impedance vs Frequency

Simulation Condition

This table shows the range of evaluated simulation range that was not occurs any convergence problems in this area.

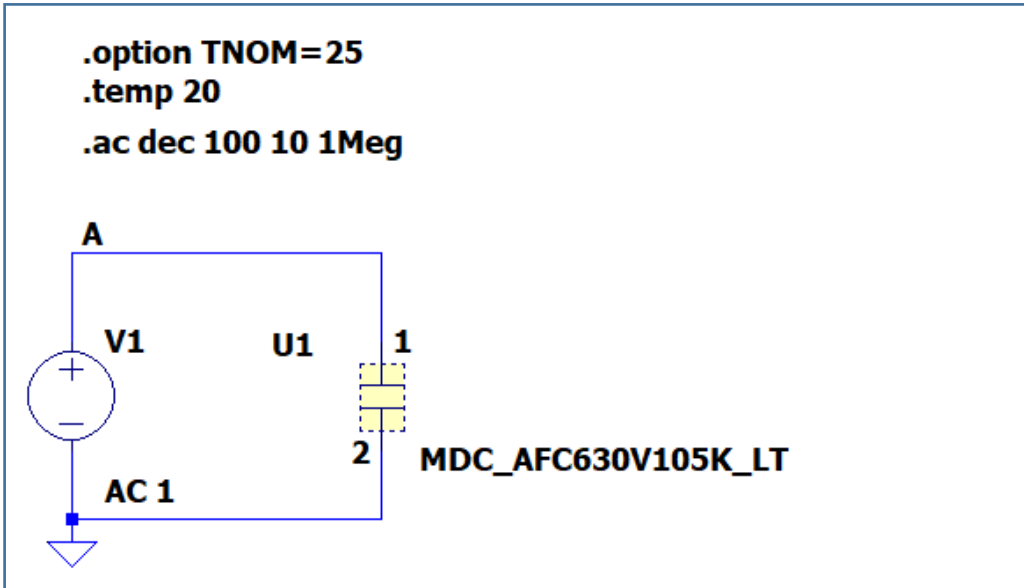
Item	Condition	Unit
Temperature	20	deg C

Model Functions Table

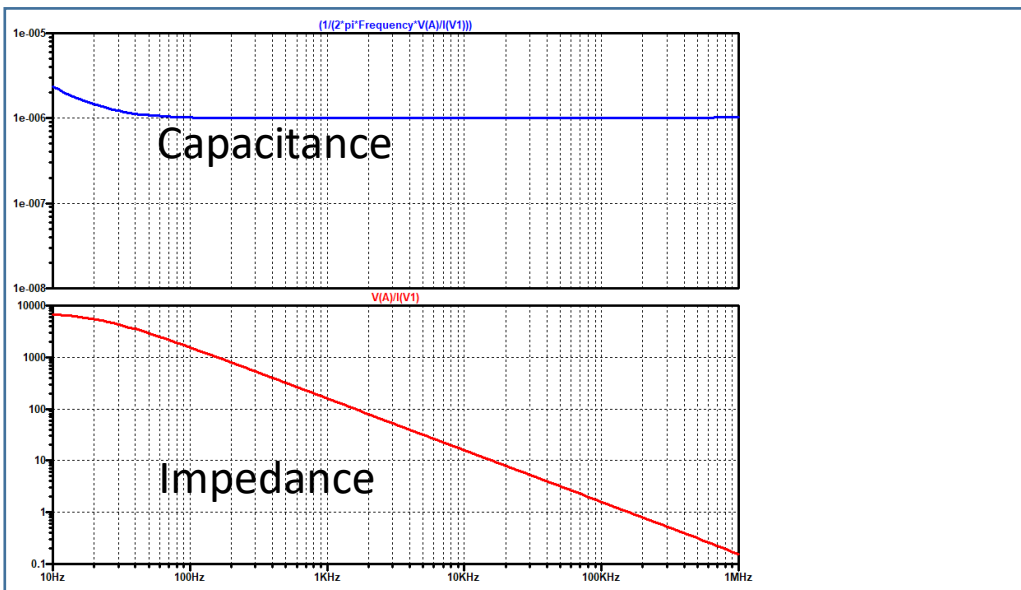
Functions	Implemented
Capacitance, Impedance vs Frequency	○

Capacitance, Impedance vs Frequency

TestBench



Simulation results are following.
 Explanatory notes — : simulated



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