

LTspice Model

Electrolytic Capacitance

Nichicon

MDC_PCJ1A221MCL1GS_LT

Model Information

Model A macro model
Call Name MDC_PCJ1A221MCL1GS_LT
Pin Assign 1:1 2:2 (No Polarity)
File List Model Library MDC_PCJ1A221MCL1GS_LT.lib
Model Report MDC_PCJ1A221MCL1GS_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 CAT.8100J
- Product name PCJ1A221MCL1GS
- Company name NICHICON CORPORATION

[Characteristics listed]

- Characteristics Impedance vs Frequency

Simulation Condition

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

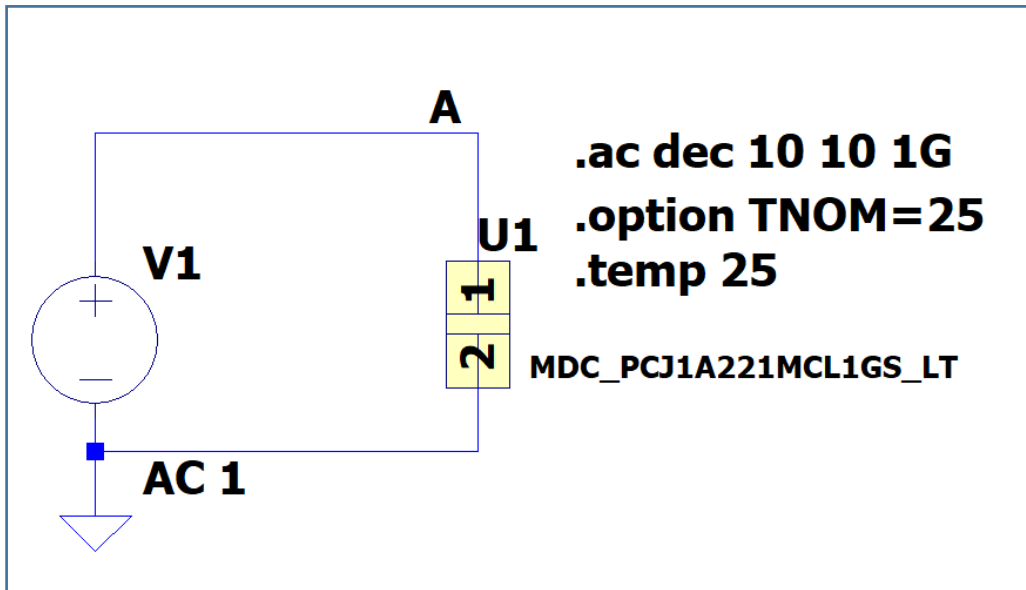
Item	Condition	Unit
Temperature	25	deg C

Model Functions Table

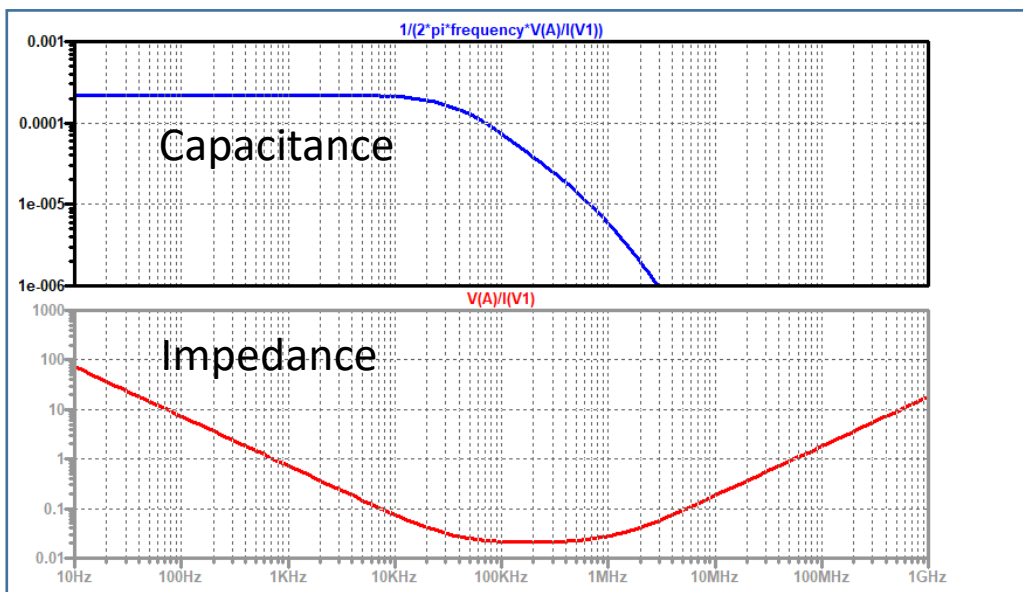
Functions	Implemented
Capacitance , Impedance vs Frequency	○

Capacitance , Impedance vs Frequency

TestBench



Simulation results are following.
 Explanatory notes — : simulated



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