

LTspice Model

Capacitor

NIPPON-CHEMI-CON

EKXG451ELL470MM25S-S

Model Information

Model	A macro model		
Call Name	MDC_EKXG451ELL470MM25S-S_LT		
Pin Assign	No polarity		
File List	Model Library	MDC_EKXG451ELL470MM25S-S_LT01.lib	
	Model Report	MDC_EKXG451ELL470MM25S-S_LT.pdf(this file)	
Verified Simulator Version	LTspiceXVII		

Note

References

The information which was used for modeling is as follow:

[Data Sheet]

- Date/Version CAT. No. 1001X
- Product name EKXG451ELL470MM25S-S
- Company name NIPPON-CHEMI-CON

[Characteristics listed]

- Characteristics Capacitance, Impedance vs Frequency

Simulation Condition

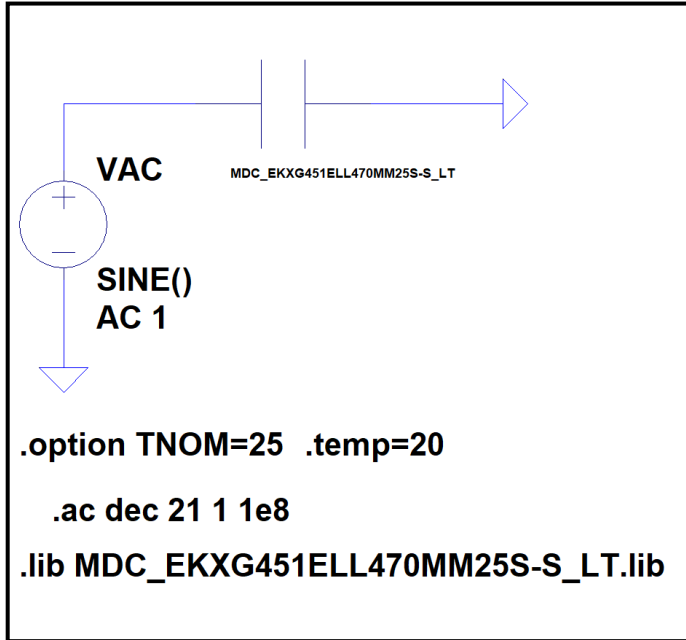
This table shows the range of evaluated simulation range that was not occurs any convergence problems in this area.

Item	Condition	Unit
Temperature	20	deg C

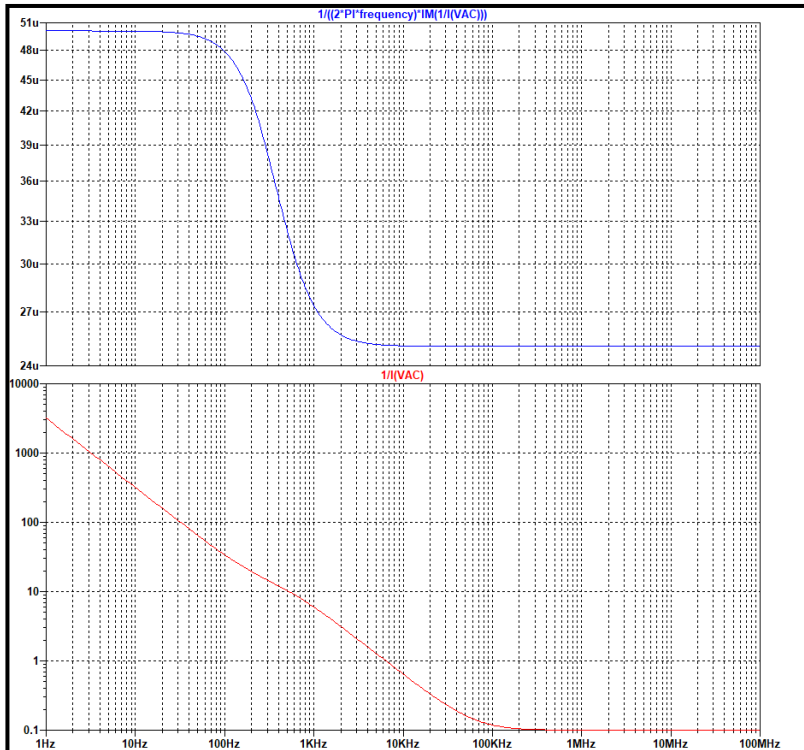
Model Functions Table

Functions	Implemented
Capacitance, Impedance vs Frequency	○

**Capacitance, Impedance vs Frequency
Testbench**



Simulation results are following.
Explanatory notes — : simulated



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