

LTspice Model

Surge Protective Device

ELEVAM corporation

SA-80SSLF

Model Information

Model A macro model
Call Name MDC_SA-80SSLF_LT
Pin Assign 1:P 2:N
File List Model Library MDC_SA-80SSLF_LT01.lib
 Model Report MDC_SA-80SSLF_LT.pdf(this file)

Verified Simulator Version LTspice version XVII
Note

References

The information which was used for modeling is as follow:

[Data Sheet]

- Date/Version Unknown
- Product name SA-80SSLF
- Company name ELEVAM corporation

[Characteristics listed]

- Characteristics DC Breakdown Voltage

Simulation Condition

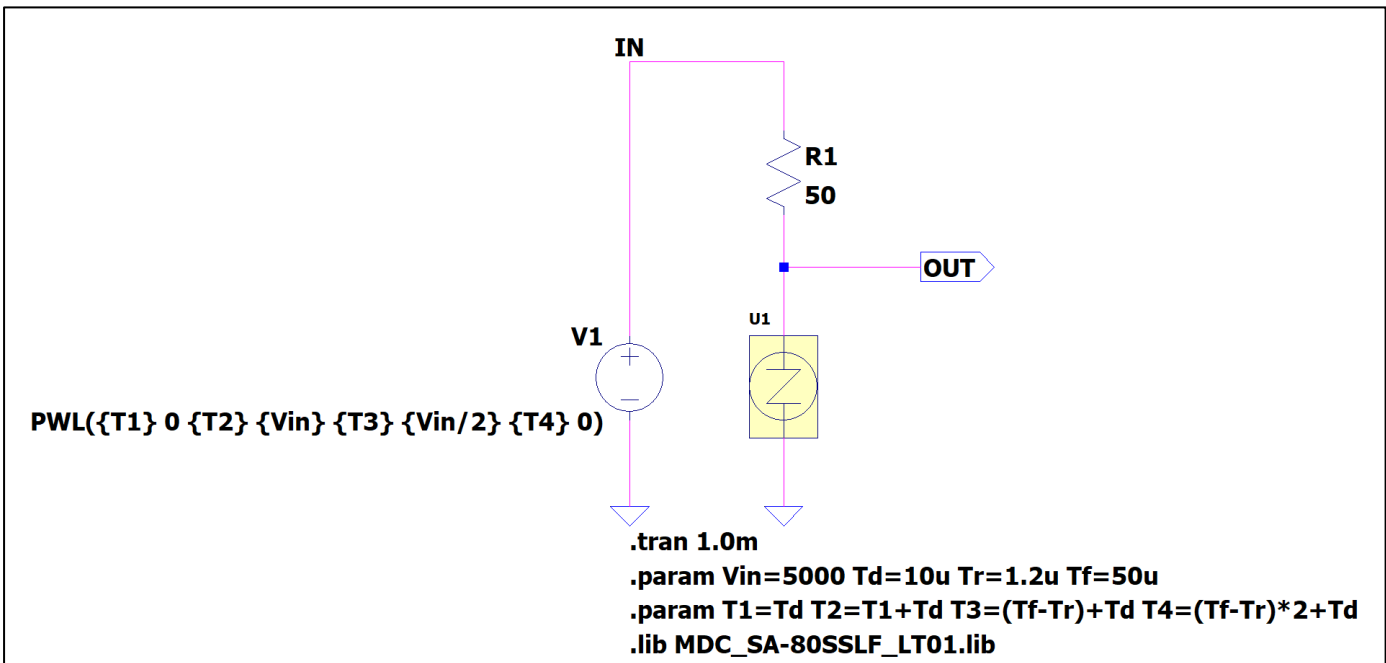
This table shows the range of evaluated simulation range that was not occurs any convergence problems in this area.

Item	Condition	Unit
Temperature	25	deg C

Model Functions Table

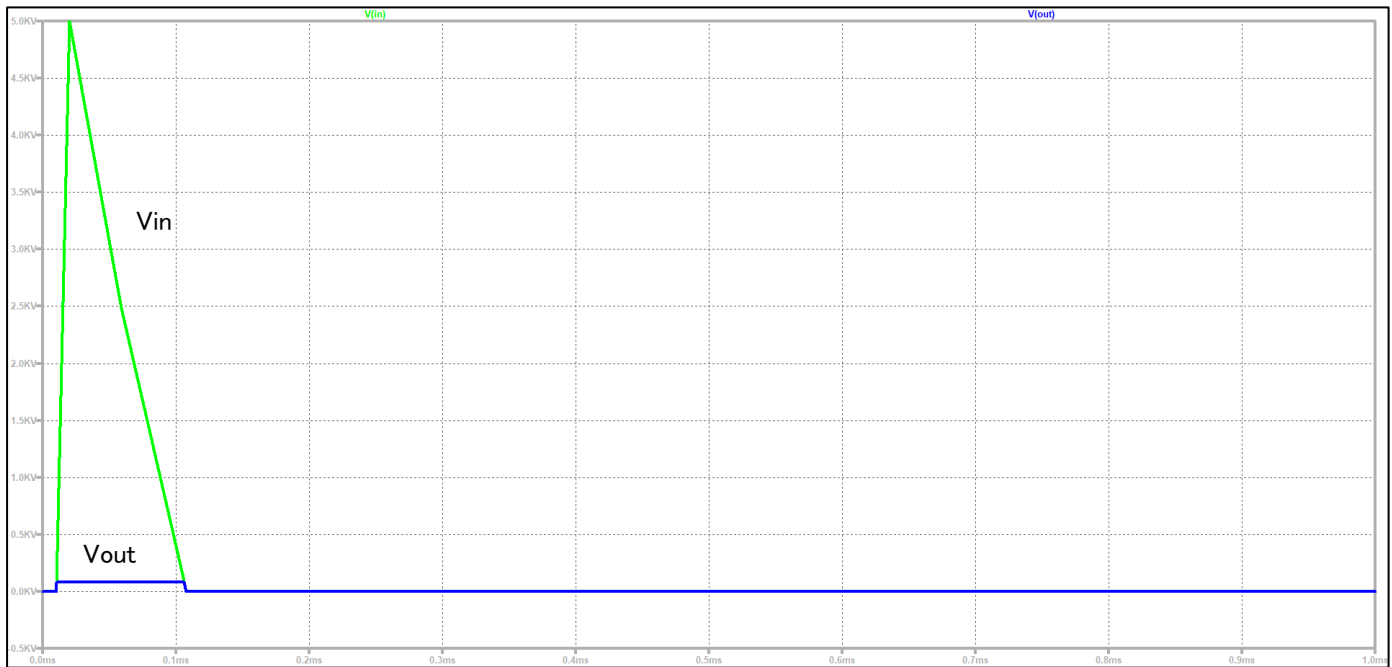
Functions	Implemented
DC Breakdown Voltage	<input type="radio"/>

DC breakdown voltage Operation (Vin = 5kV, Rin = 50ohm, Combination wave = 1.2u/50u) Testbench
Referred to Data Sheet



Simulation results are following.
Explanatory notes — : simulated

DC breakdown voltage Operation (Vin = 5kV, Rin = 50ohm, Combination wave = 1.2u/50u) Testbench



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