

LTspice Model Surge Protective Device SANKOSHA Corporation 3SDH4-90

Model Information

Model A macro model
Call Name MDC_3SDH4-90_LT

Pin Assign 1:P 2:C 2:N

File List Model Library MDC_3SDH4-90_LT01.lib

Model Report MDC_3SDH4-90_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/VersionProduct nameUnknown3SDH4-90

Company name
SANKOSHA Corporation

[Characteristics listed]

CharacteristicsDC 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



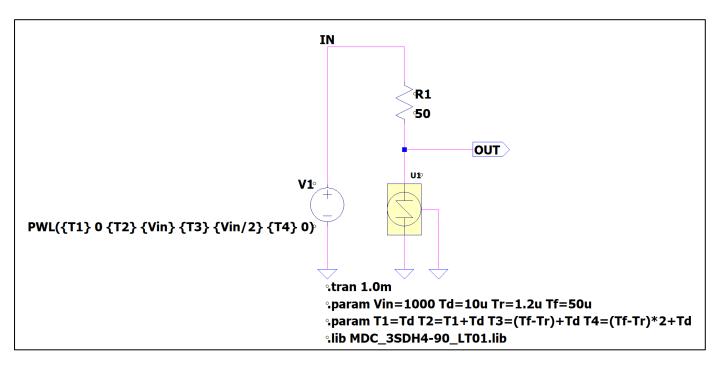
Model Functions Table

Functions	Implemented
DC Breakdown Voltage	0



DC breakdown voltage Operation (Vin = 1kV, Rin = 50ohm, Combination wave = 1.2u/50u) Testbench

Referred to Data Sheet

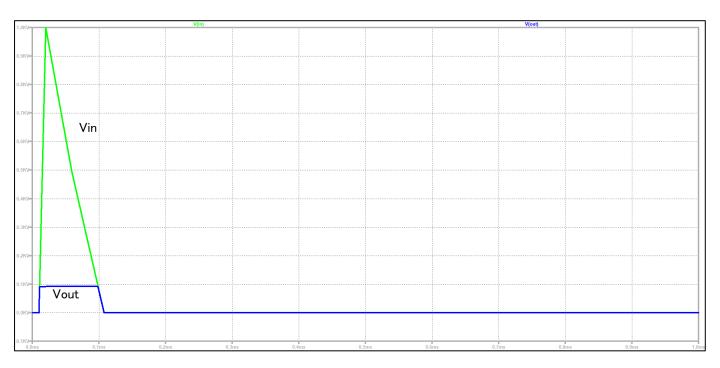




Simulation results are following.

Explanatory notes — : simulated

DC breakdown voltage Operation (Vin = 1kV, Rin = 50ohm, Combination wave = 1.2u/50u) Testbench





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