

LTspice Model

Thermistor

THINKING ELECTRONIC INDUSTRIAL

MDC_SCK15105M_LT

Model Information

Model A macro model
Call Name MDC_SCK15105M_LT
Pin Assign 1:Port1 2:Port2
File List Model Library MDC_SCK15105M_LT.lib
 Model Report MDC_SCK15105M_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 2020.11
- Product name SCK15105M
- Company name THINKING ELECTRONIC INDUSTRIAL CO., LTD.

[Characteristics listed]

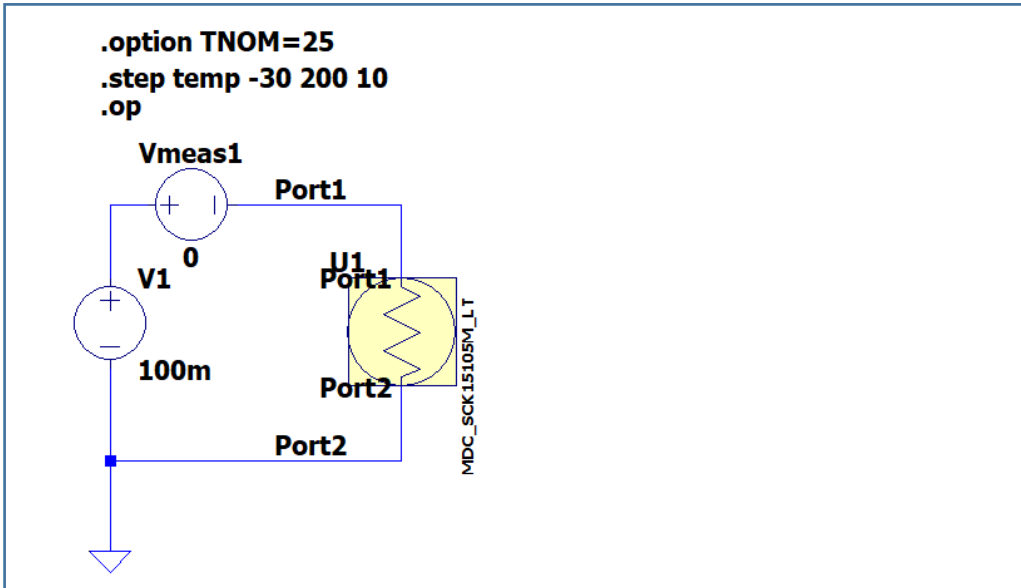
- Characteristics Resistance-Temperature
Voltage-Current

Simulation Condition

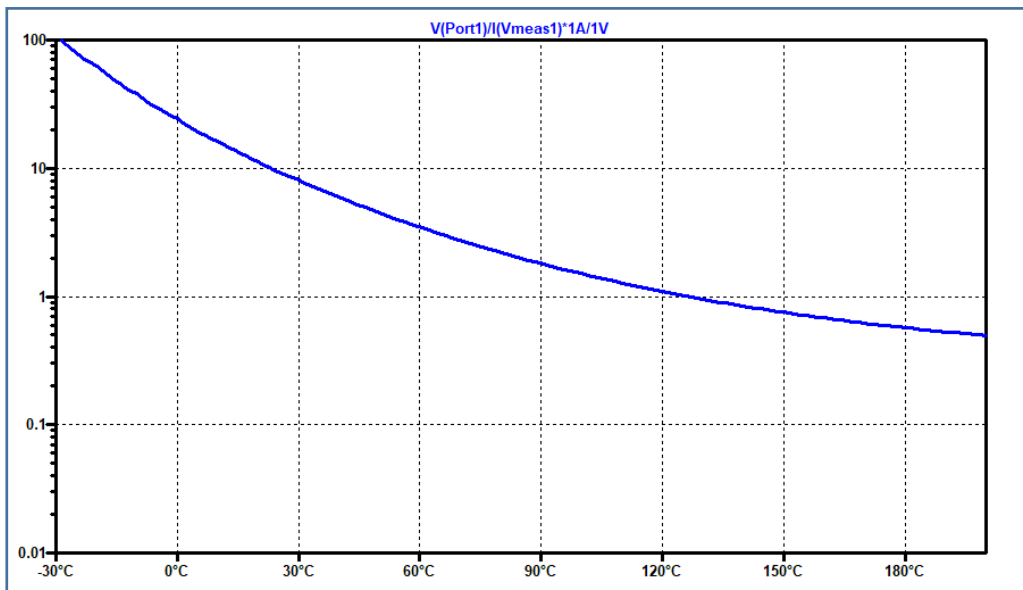
This table shows the range of evaluated simulation range that was not occurs any convergence problems in this area.

Item	Condition	Unit
Temperature	-30~200	deg C

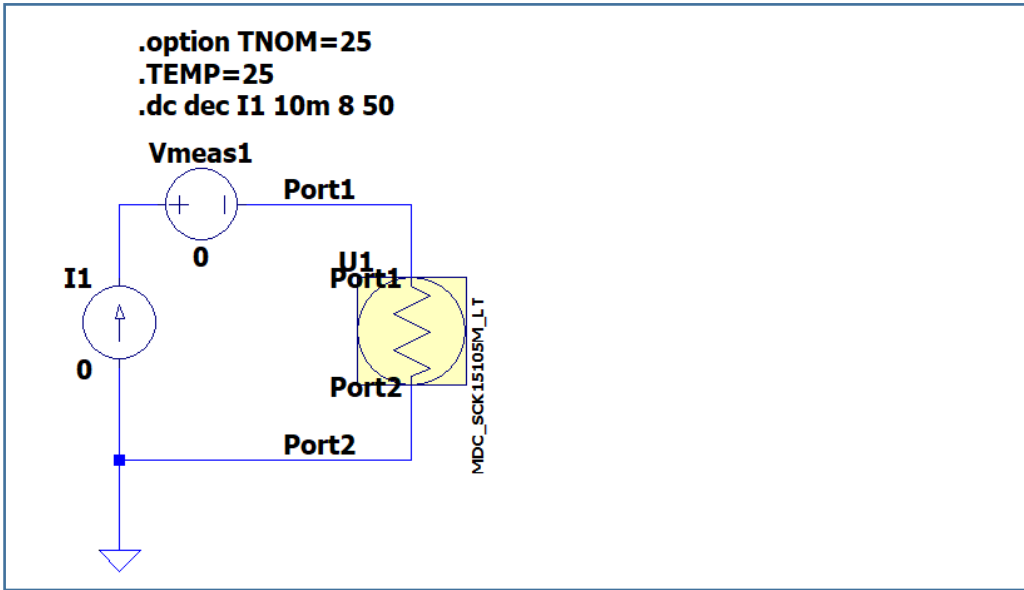
Resistance-Temperature TestBench



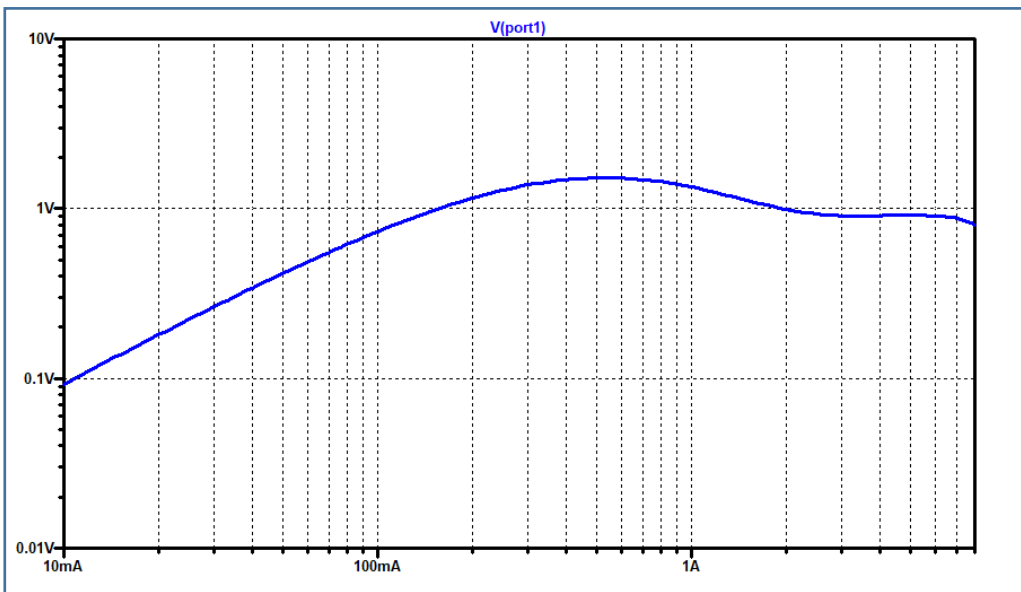
Simulation results are following.
Explanatory notes — : simulated



Voltage-Current TestBench



Simulation results are following.
Explanatory notes — : simulated



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