

LTspice Model

PTC Thermistor

Littelfuse

SMD050F2

Model Information

Model An original macro model
Call Name MDC_SMD050F2_LT
Pin Assign PIN1:1 PIN2:2
File List Model Library MDC_SMD050F2_LT01.lib
 Model Report MDC_SMD050F2_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 July 26, 2016
- Product name SMD050F2
- Company name Littelfuse, Inc.
- Characteristics ResistanceTemp,ltripTemp

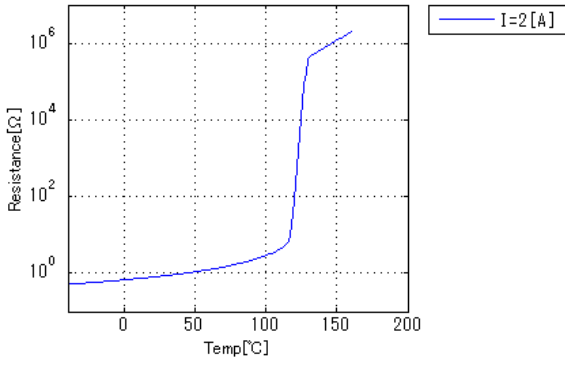
Simulation Range

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

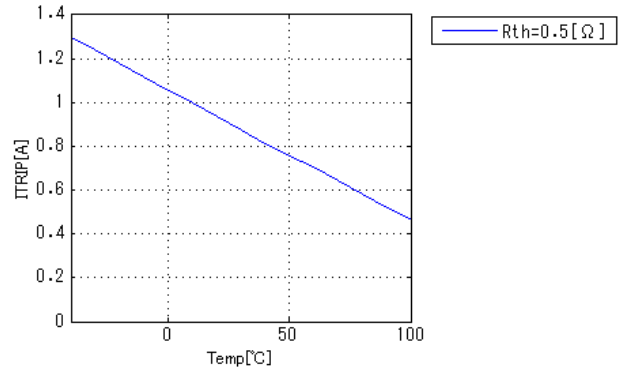
Item	Range			Unit
	Min.		Max.	
Temperature	-40	to	160	deg C

Simulation results are following.
 Explanatory notes — : simulated

ResistanceTemp



ItripTemp



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