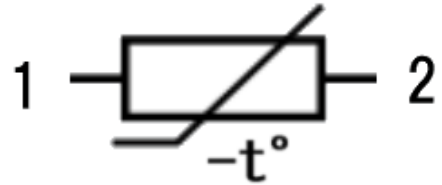


PSpice Model

NTC Thermistor

Mitsubishi Materials

TN10-3S472JT



Model Information

Model An original macro model
Call Name MDC_TN10-3S472JT_PS
Pin Assign 1:1 2:2
File List Model Library MDC_TN10-3S472JT_PS01.lib
 Model Report MDC_TN10-3S472JT_PS.pdf (this file)
Verified Simulator Version PSpice version 17.2
Note

References

The information which was used for modeling is as follow:

[Data Sheet]

- Date/Version Unknown
- Product name TN10-3S472JT
- Company name Mitsubishi Materials Corporation
- Characteristics ResTemp[If],ResTemp[If]2

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	150	deg C

Thermistor

○ : Implemented
 × : Not Implemented
 — : Not applicable

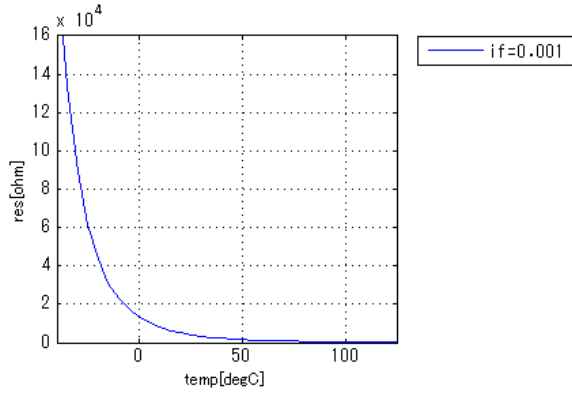
Model Functions Table

RANK=1

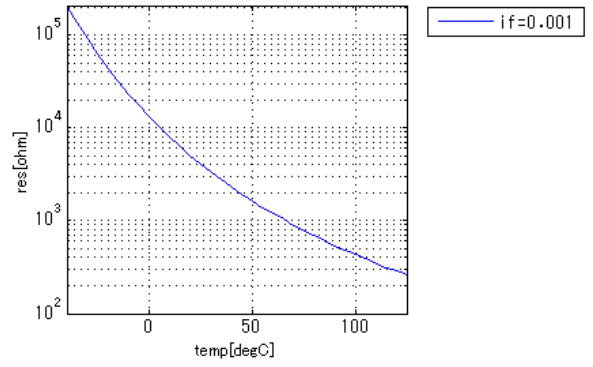
Functions	RANK	Implemented
Resistance-Temperature	1	○
Current-Voltage	1	—
Thermal time constant	1	—

Simulation results are following.
 Explanatory notes — : simulated

ResTemp[If]



ResTemp[If]2



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MoDeCH Inc.

Head Office

Location: 5-15 Yokoyama-cho, Hachioji-Shi, Tokyo 192-0081, Japan

Tel:+81-42-656-3360

E-Mail:model-on-support@modech.co.jp

URL:<http://www.modech.com/en/>