

# PSpice Model

## Thermistor

### MURATA

### NCP18XH103F03RB

#### Model Information

**Model** An original macro model  
**Call Name** MDC\_NCP18XH103F03RB\_PS  
**Pin Assign** PIN1:1 PIN2:2  
**File List** Model Library MDC\_NCP18XH103F03RB\_PS01.lib  
 Model Report MDC\_NCP18XH103F03RB\_PS.pdf (this file)  
**Verified Simulator Version** PSpice version 16.6  
**Note**

#### References

The information which was used for modeling is as follow:

[Data Sheet]

- Date/Version Dec.17,2012
- Product name NCP18XH103F03RB
- Company name Murata Manufacturing Co., Ltd.
- Characteristics Thermistor

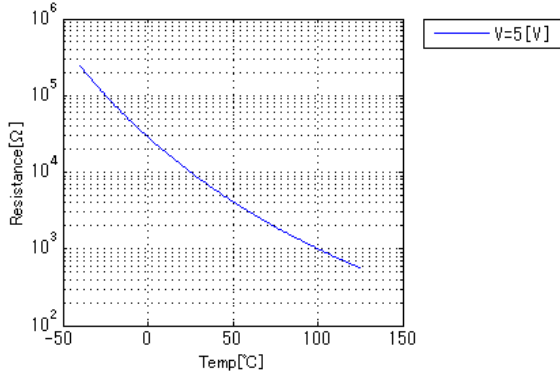
#### Simulation Range

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	125	deg C

Simulation results are following.  
Explanatory notes — : simulated

**Thermistor**



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