

LTspice Model

Varistor

Ropla

CNR-10D471K

Model Information

Model A macro model based on general SPICE model
Call Name MDC_CNR-10D471K_LT
Pin Assign 1:A 2:C
File List Model Library MDC_CNR-10D471K_LT01.lib
 Model Report MDC_CNR-10D471K_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 17/03/07
- Product name CNR-10D471K
- Company name Ropla Elektronik Sp.Z.o.o
- Characteristics IrVr[Temp],BvTemp,IrVr(Breakdown)

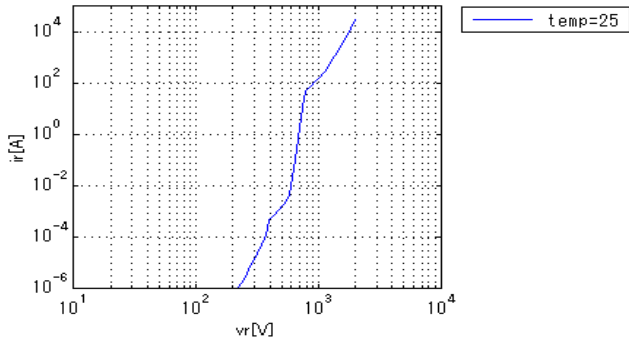
Simulation Range

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

| Item | Range | | | Unit |
|-----------------|-------|----|------|-------|
| | Min. | | Max. | |
| Reverse Voltage | 0 | to | 3600 | V |
| Temperature | -40 | to | 125 | deg C |

Simulation results are following.
 Explanatory notes — : simulated

IrVr[Temp]



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