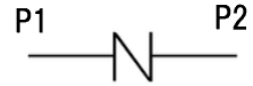


LTspice Model

Varistor

Panasonic

ERZVEAV511



Model Information

Model A macro model
Call Name MDC_ERZVEAV511_LT
Pin Assign 1:P1 2:P2
File List Model Library MDC_ERZVEAV511_LT02.lib
 Model Report MDC_ERZVEAV511_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 02 Dec.2014
- Product name ERZVEAV511
- Company name Panasonic Corporation
- Characteristics IrVr[Temp],Cj,SurgeWaveform

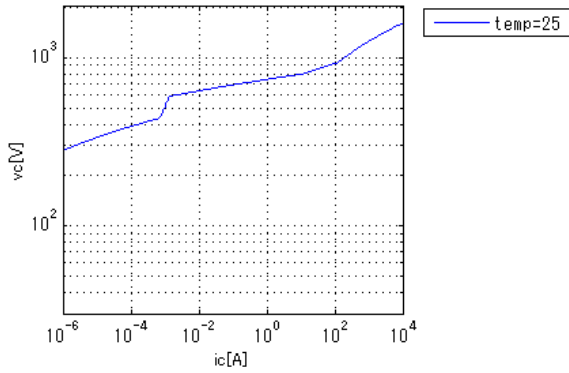
Simulation Range

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

Item	Range			Unit
	Min.		Max.	
Forward Voltage	-3,500	to	3,500	V
Reverse Voltage	-3,500	to	3,500	V
Temperature	-40	to	125	deg C

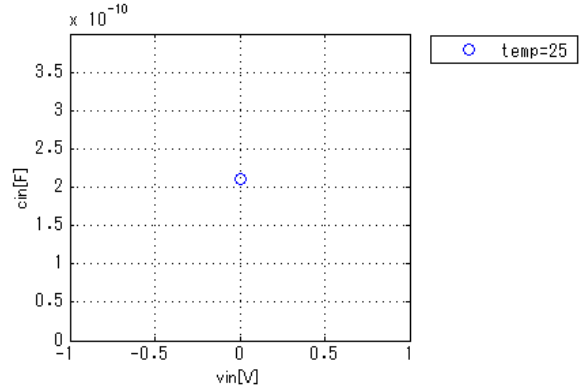
Simulation results are following.
 Explanatory notes — : simulated

IrVr[Temp]



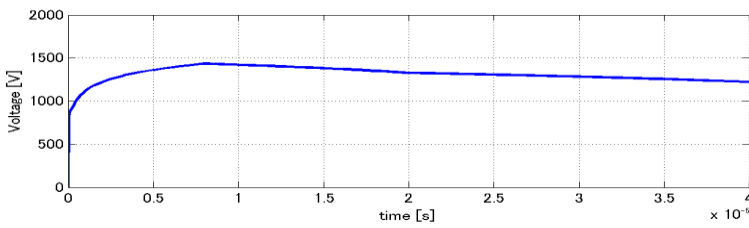
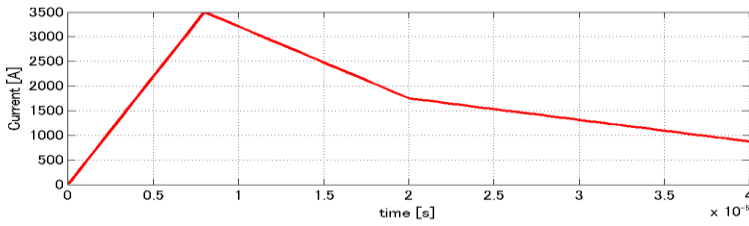
CjVr

Freq. = 1MHz



SurgeWaveform

8u/20u



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