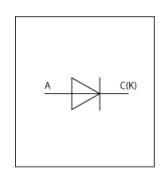


PSpice Model ESD Protection Diode VISHAY P4SMA9.1CAHE3



Model Information

Model A macro model based on general SPICE diode model

Call Name MDC P4SMA9 1CAHE3 PS

Pin Assign 1:A 2:C

File List Model Library MDC_P4SMA9_1CAHE3_PS01.lib

Model Report MDC_P4SMA9_1CAHE3_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 06-Feb-15

Product name
P4SMA9.1CAHE3

Company nameCharacteristicsVishay Intertechnology, Inc.BvTemp,IrVr(Breakdown)

Simulation Range

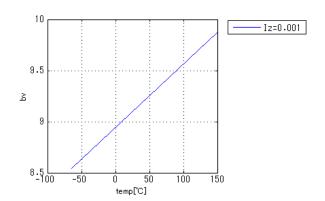
This table shows the range of evaluated simulation range that was not occurs any convergence problems in this area.

Item	Range			Unit
	Min.		Max.	
Reverse Voltage	0	to	18.2	V
Temperature	-65	to	150	deg C

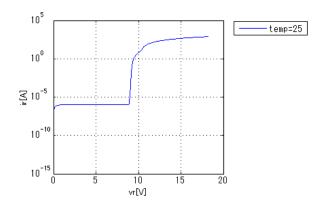


Simulation results are following. Explanatory notes — : simulated

BvTemp



IrVr(Breakdown)





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