

PSpice Model

ESD Protection Diode

VISHAY

SMCJ6.5CAHE3



Model Information

Model A macro model based on general SPICE diode model
Call Name MDC_SMCJ6_5CAHE3_PS
Pin Assign 1:A 2:C
File List Model Library MDC_SMCJ6_5CAHE3_PS01.lib
 Model Report MDC_SMCJ6_5CAHE3_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 10-Dec-13
- Product name SMCJ6.5CAHE3
- Company name Vishay Intertechnology, Inc.
- Characteristics IrVr(Breakdown)

Simulation Range

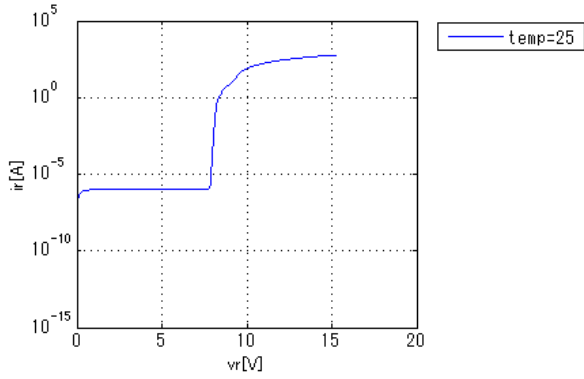
This table shows the range of evaluated simulation range that was not occurs any convergence problems in this area.

Item	Range			Unit
	Min.	to	Max.	
Reverse Voltage	0	to	15.2	V
Temperature	-55	to	150	deg C

Simulation results are following.

Explanatory notes — : simulated

IrVr(Breakdown)



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