

PSpice Model ESD Protection Diode VISHAY SMCJ170CAHE3

Model Information

 Model
 A macro model based on general SPICE diode model

 Call Name
 MDC_SMCJ170CAHE3_PS

 Pin Assign
 1:A 2:C

 File List
 Model Library

 Model Report
 MDC_SMCJ170CAHE3_PS.pdf (this file)

Verified Simulator Version Note

PSpice version 16.6

References

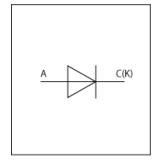
The information which was used for modeling is as follow:

10-Dec-13 SMCJ170CAHE3 Vishay Intertechnology, Inc. IrVr(Breakdown)

Simulation Range

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

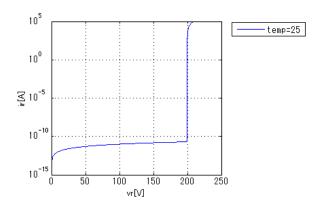
Item	Range			Unit
	Min.		Max.	
Reverse Voltage	0	to	398	V
Temperature	-55	to	150	deg C





Simulation results are following. Explanatory notes -: simulated

IrVr(Breakdown)





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