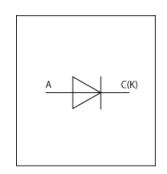


# PSpice Model ESD Protection Diode VISHAY SMAJ7.0CAHE3



## **Model Information**

Model A macro model based on general SPICE diode model

Call Name MDC\_SMAJ7\_0CAHE3\_PS

Pin Assign 1:A 2:C

File List Model Library MDC\_SMAJ7\_0CAHE3\_PS01.lib

Model Report MDC\_SMAJ7\_0CAHE3\_PS.pdf (this file)

Verified Simulator Version PSp

Note

PSpice version 16.6

#### References

The information which was used for modeling is as follow:

[Data Sheet]

Date/VersionProduct nameO9-Dec-13SMAJ7.0CAHE3

Company name Vishay Intertechnology, Inc.

Characteristics IrVr(Breakdown)

#### Simulation Range

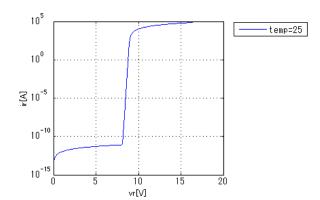
This table shows the range of evaluated simulation range that was not occurs any convergence problems in this area.

Item	Range			Unit
	Min.		Max.	
Reverse Voltage	0	to	16.38	V
Temperature	-55	to	150	deg C



Simulation results are following. Explanatory notes — : simulated

## IrVr(Breakdown)





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