

PSpice Model

ESD Protection Diode

VISHAY

SMC3K60CAHM3



Model Information

Model A macro model based on general SPICE diode model
Call Name MDC_SMC3K60CAHM3_PS
Pin Assign 1:A 2:C
File List Model Library MDC_SMC3K60CAHM3_PS01.lib
 Model Report MDC_SMC3K60CAHM3_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 22-Sep-14
- Product name SMC3K60CAHM3
- Company name Vishay Intertechnology, Inc.
- Characteristics IrVr(Breakdown)

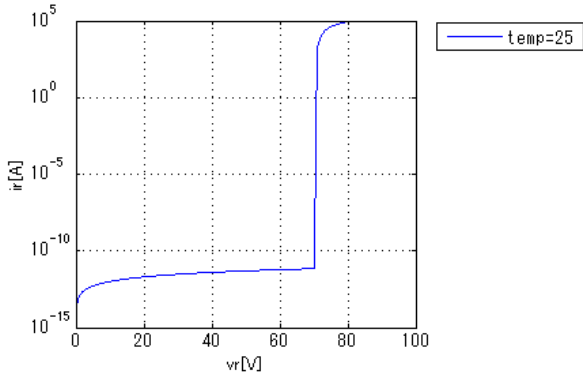
Simulation Range

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	140.4	V
Temperature	-55	to	150	deg C

Simulation results are following.
Explanatory notes — : simulated

IrVr(Breakdown)



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MoDeCH Inc.

Head Office

Location: Mitsuseimei Hachioji Bldg., 5-15 Yokoyama-cho, Hachioji-Shi, Tokyo 192-0081, Japan

Tel:+81-42-656-3360

E-Mail:model-on-support@modech.co.jp

URL:<http://www.modech.com/en/>