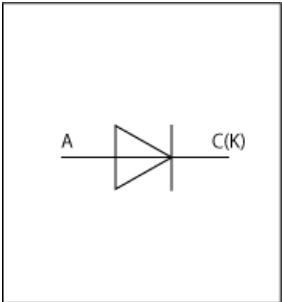


PSpice Model

ESD Protection Diode

VISHAY

SM6S22ATHE3



Model Information

Model	A macro model based on general SPICE diode model		
Call Name	MDC_SM6S22ATHE3_PS		
Pin Assign	1:A 2:C		
File List	Model Library	MDC_SM6S22ATHE3_PS01.lib	
	Model Report	MDC_SM6S22ATHE3_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	09-Apr-15
●Product name	SM6S22ATHE3
●Company name	Vishay Intertechnology, Inc.
●Characteristics	IrVr(Breakdown)

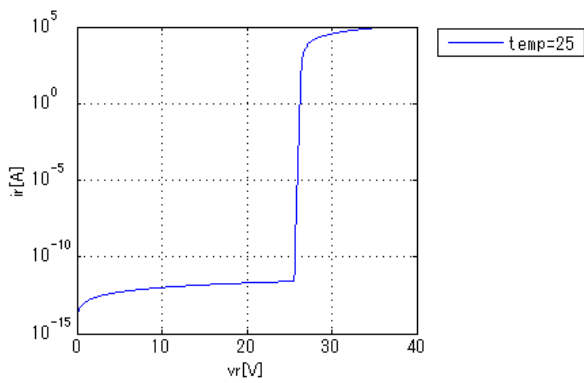
Simulation Range

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	51.3	V
Temperature	-55	to	175	deg C

Simulation results are following.
Explanatory notes — : simulated

IrVr(Breakdown)



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MoDeCH Inc.

Head Office

Location: Mitsuiiseimei 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/>