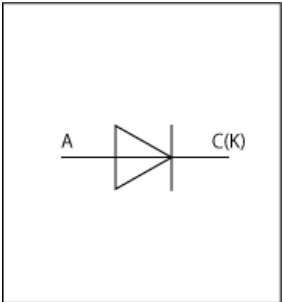


PSpice Model

ESD Protection Diode

VISHAY

SMBJ20AHE3



Model Information

Model	A macro model based on general SPICE diode model		
Call Name	MDC_SMBJ20AHE3_PS		
Pin Assign	1:A 2:C		
File List	Model Library	MDC_SMBJ20AHE3_PS01.lib	
	Model Report	MDC_SMBJ20AHE3_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	06-Feb-14
●Product name	SMBJ20AHE3
●Company name	Vishay Intertechnology, Inc.
●Characteristics	IrVr(Breakdown)

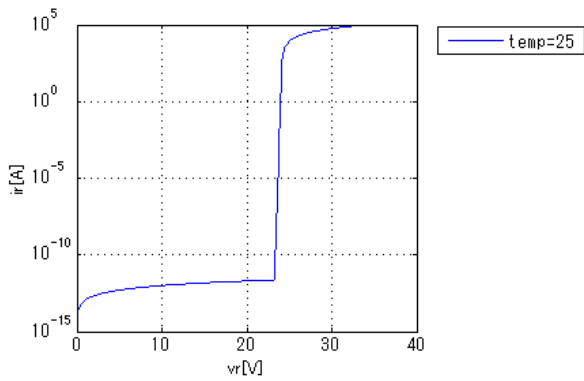
Simulation Range

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	46.7	V
Temperature	-55	to	150	deg C

Simulation results are following.
Explanatory notes — : simulated

IrVr(Breakdown)



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