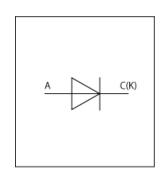


PSpice Model ESD Protection Diode SanKen SJPZ-E20



Model Information

Model A macro model based on general SPICE diode model

Call Name MDC_SJPZ-E20_PS

Pin Assign 1:A 2:C

File List Model Library MDC_SJPZ-E20_PS01.lib

Model Report MDC_SJPZ-E20_PS.pdf (this file)

Verified Simulator Version

Note

PSpice version 16.6

References

The information which was used for modeling is as follow:

[Data Sheet]

Date/Version 2009/4Product name SJPZ-E20

Company nameCharacteristicsSanken Electric Co., Ltd.BvTemp,IrVr(Breakdown)

Simulation Range

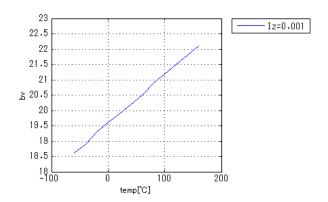
This table shows the range of evaluated simulation range that was not occurs any convergence problems in this area.

Item	Range			Unit
	Min.		Max.	
Reverse Voltage	0	to	40	V
Temperature	-55	to	150	deg C

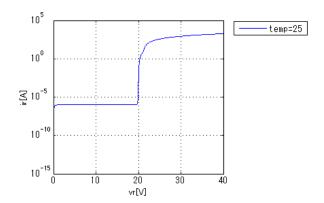


Simulation results are following. Explanatory notes — : simulated

BvTemp



IrVr(Breakdown)





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