

PSpice Model

CRD

SEMITEC

E-20226R



Model Information

Model	A macro model based on general SPICE diode model		
Call Name	MDC_E-20226R_PS		
Pin Assign	1:A 2:C		
File List	Model Library	MDC_E-20226R_PS01.lib	
	Model Report	MDC_E-20226R_PS.pdf (this file)	
Verified Simulator Version	PSpice version 17.2		
Note			

References

The information which was used for modeling is as follow:

[Data Sheet]

- Date/Version 2014/06
- Product name E-20226R
- Company name SEMITEC Corporation
- Characteristics IfVf, IfTemp

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.	
Temperature	-30	to	150	deg C

Diode

○ : Implemented
× : Not Implemented
— : Not applicable

Model Functions Table
RANK=1

Functions	RANK	Implemented
IF-VF(Temp)	1	○
IR-VR(Temp)	1	—
Capacitance	1	—
Reverse recovery characteristics	1	—
Zz-Iz	1	—
Rectification characteristics(Bridge)	1	—
Surge voltage-Transient	1	—

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