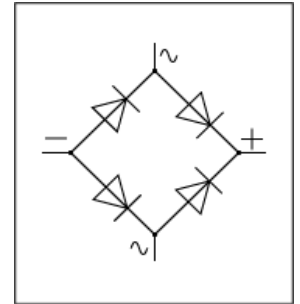


LTspice Model

Bridge Diode

SHINDENGEN

D3SBA60



Model Information

Model A macro model based on general SPICE diode model
Call Name MDC_D3SBA60_LT
Pin Assign 1:Out+ 2:In1 3:In2 4:Out-
File List Model Library MDC_D3SBA60_LT01.lib
 Model Report MDC_D3SBA60_LT.pdf (this file)

Verified Simulator Version LTspice version XVII
Note

References

The information which was used for modeling is as follow:

[Data Sheet]

- Date/Version D3SBA60_Rev.01(2020.01)
- Product name D3SBA60
- Company name Shindengen Electric Manufacturing Co., Ltd.
- Characteristics IfVf[Temp],Rectification

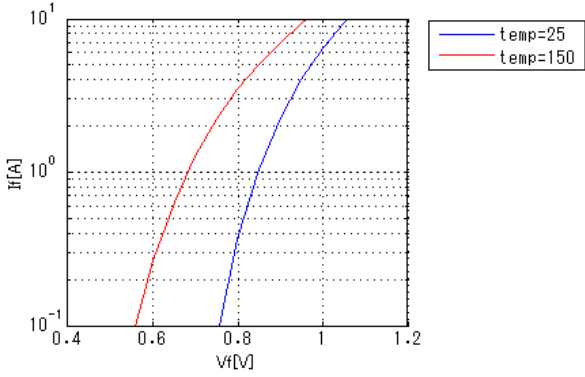
Simulation Range

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

Item	Range			Unit
	Min.		Max.	
Forward Voltage	0	to	12	V
Reverse Voltage	0	to	1,200	V
Temperature	-40	to	150	deg C

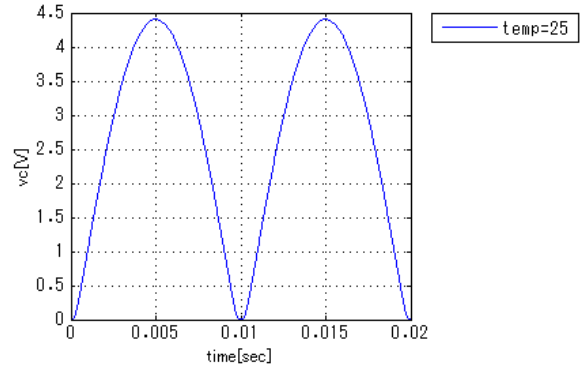
Simulation results are following.
Explanatory notes — : simulated

IfVf[Temp]



Rectification

Freq. = 50Hz



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MoDeCH Inc.

Head Office

Location: Taiju-Seimei-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/>