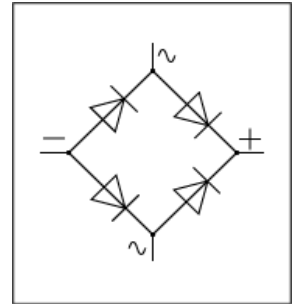


# LTspice Model

## Bridge Diode

### SHINDENGEN ELECTRIC

### D15XB60



#### Model Information

**Model** A macro model based on general SPICE diode model  
**Call Name** MDC\_D15XB60\_LT  
**Pin Assign** 1:In1 2:In2 3:Out- 4:Out+  
**File List** Model Library MDC\_D15XB60\_LT01.lib  
 Model Report MDC\_D15XB60\_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 None
- Product name D15XB60
- Company name Shindengen Electric Manufacturing Co., Ltd.
- Characteristics IfVf[Temp],Rectification

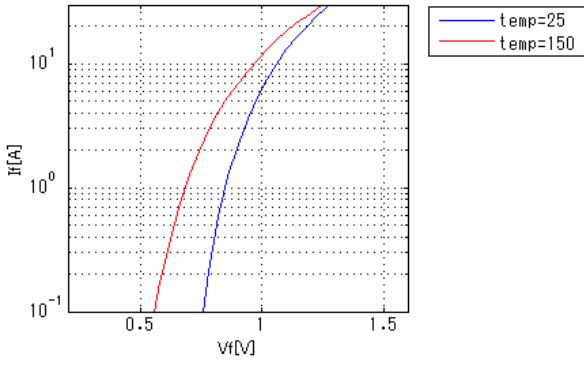
#### Simulation Range

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	13	V
Reverse Voltage	0	to	120	V
Temperature	-40	to	150	deg C

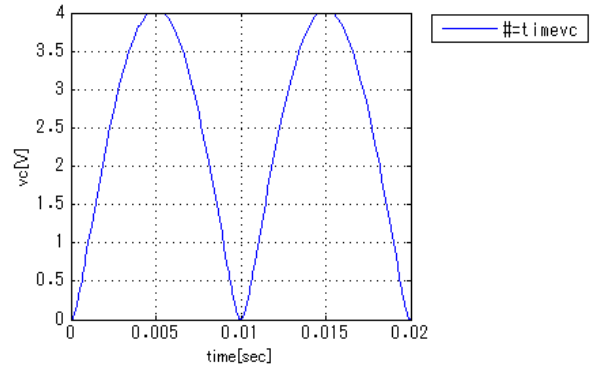
Simulation results are following.  
 Explanatory notes — : simulated

**IfVf[Temp]**



**Rectification**

Freq. = 50Hz



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