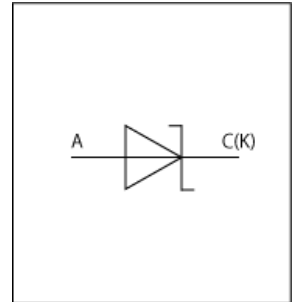


# LTspice Model

## Zener Diode

### RENESAS

### RD24FM



#### Model Information

**Model** A macro model based on general SPICE diode model  
**Call Name** MDC\_RD24FM\_LT  
**Pin Assign** 1:A 2:C  
**File List** Model Library MDC\_RD24FM\_LT01.lib  
 Model Report MDC\_RD24FM\_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 September 2006
- Product name RD24FM
- Company name Renesas Electronics Corporation
- Characteristics BvTemp,IrVr(Breakdown)

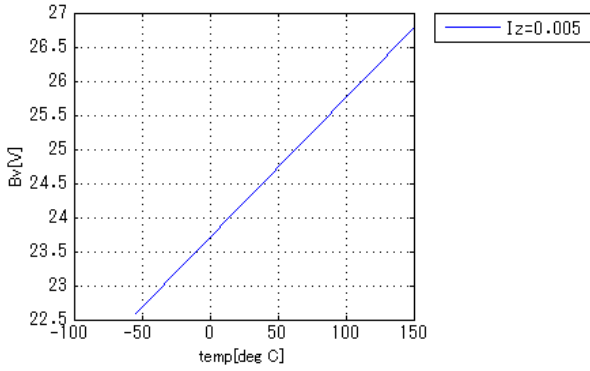
#### Simulation Range

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

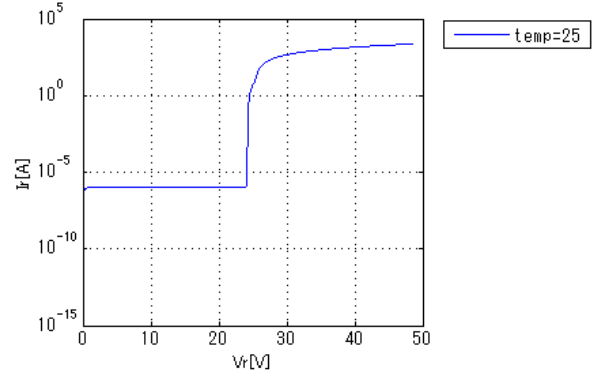
Item	Range			Unit
	Min.		Max.	
Reverse Voltage	0	to	48	V
Temperature	-55	to	150	deg C

Simulation results are following.  
Explanatory notes — : simulated

**BvTemp**



**IrVr(Breakdown)**



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