

# LTspice Model

## Surge Absorber

### Panasonic

### ERZV10D271

#### Model Information

**Model** A macro model based on general SPICE model  
**Call Name** MDC\_ERZV10D271\_LT  
**Pin Assign** 1:A 2:C  
**File List** Model Library MDC\_ERZV10D271\_LT01.lib  
 Model Report MDC\_ERZV10D271\_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 01 Aug. 2012
- Product name ERZV10D271
- Company name Panasonic Corporation
- Characteristics Vlr, Surge Waveform

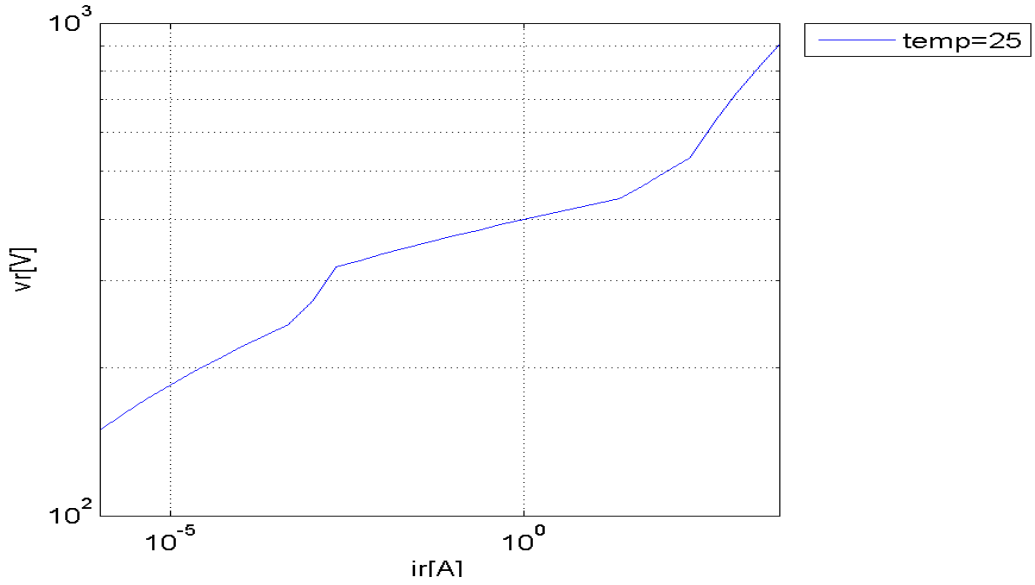
#### Simulation Range

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

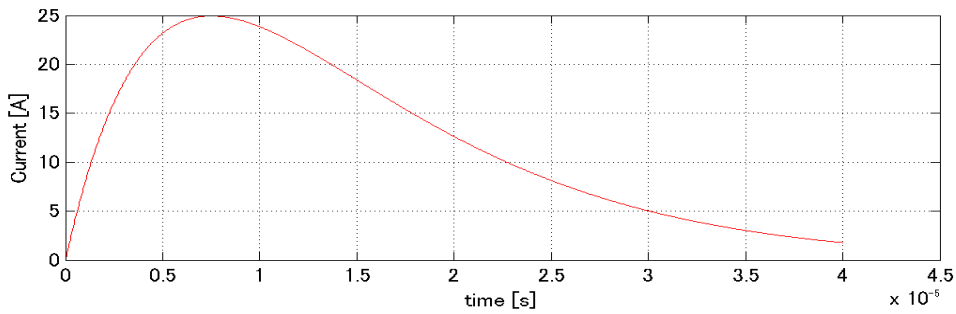
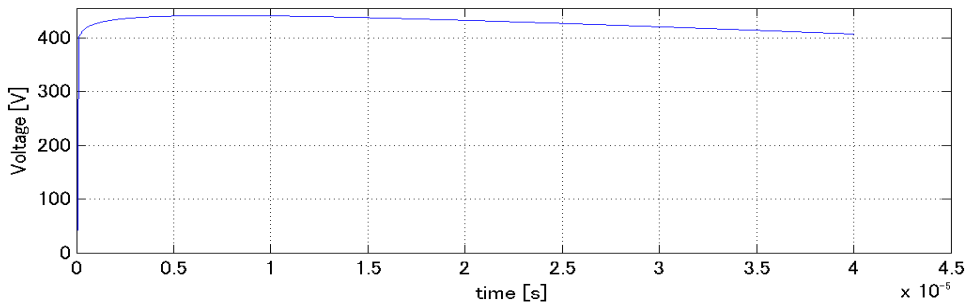
Item	Range			Unit
	Min.		Max.	
Reverse Voltage	0	to	910	V
Temperature	-40	to	125	deg C

Simulation results are following.  
 Explanatory notes — : simulated

**Vrlr**



**Surge Waveform (8us/20us)**



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