

# LTspice Model

## Varistor

### Ropla

### CNR-10D431K

#### Model Information

**Model** A macro model  
**Call Name** MDC\_CNR-10D431K\_LT  
**Pin Assign** 1:1 2:2  
**File List** Model Library MDC\_CNR-10D431K\_LT01.lib  
 Model Report MDC\_CNR-10D431K\_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 17/03/07
- Product name CNR-10D431K
- Company name Ropla Elektronik Sp.Z.o.o
- Characteristics IrVr[Temp],BvTemp,IrVr(Breakdown)

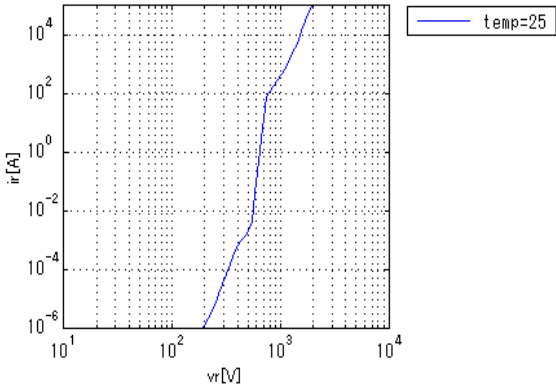
#### Simulation Range

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

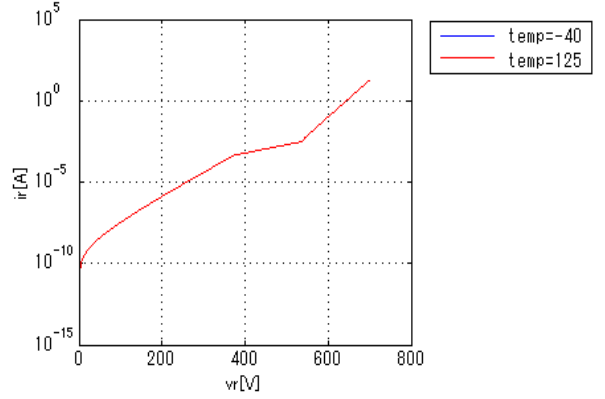
Item	Range			Unit
	Min.		Max.	
Reverse Voltage	0	to	700	V
Temperature	-40	to	125	deg C

Simulation results are following.  
Explanatory notes — : simulated

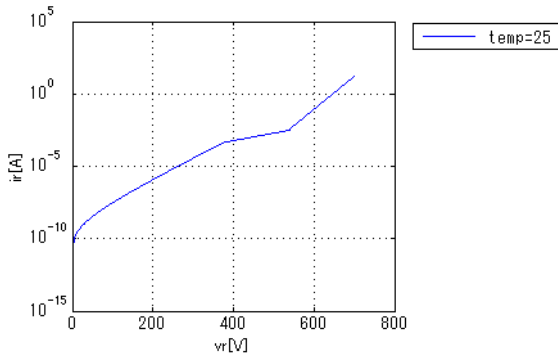
**IrVr[Temp]**



**Irvr\_brd**



**Irvr\_typ**



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