

LTspice Model

Ceramic Capacitor

TDK

CK45-B3AD102KYVRA

Model Information

Model An original macro model
Call Name MDC_CK45-B3AD102KYVRA_LT
Pin Assign 1:P1 2:P2
File List Model Library MDC_CK45-B3AD102KYVRA_LT01.lib
 Model Report MDC_CK45-B3AD102KYVRA_LT.pdf (this file)
Verified Simulator Version LTspice version XVII
Note

References

The information which was used for modeling is as follow:

[Measured]

- Date Unknown
- Company name TDK Corporation
- Characteristics Imp.Freq.,EsrFreq.,Cap.Freq.,Cap.Vbias

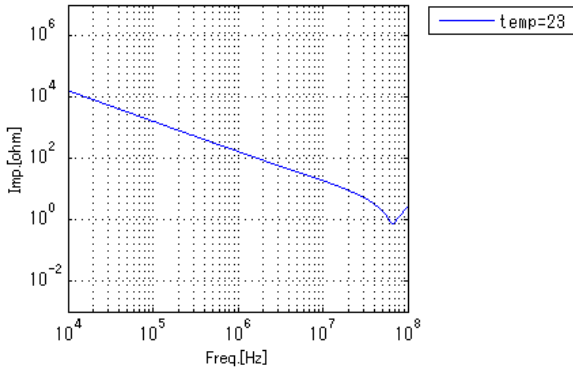
Simulation Range

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

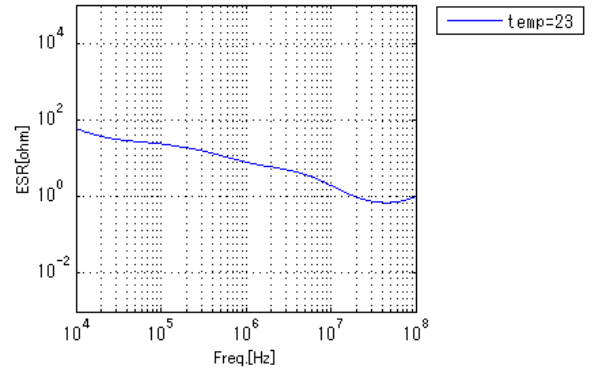
Item	Range			Unit
	Min.		Max.	
Frequency	10k	to	100Meg	Hz
Temperature	23	to	23	deg C

Simulation results are following.
 Explanatory notes — : simulated

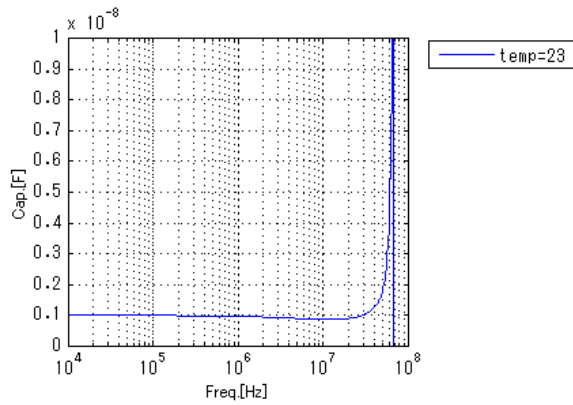
Imp.Freq.



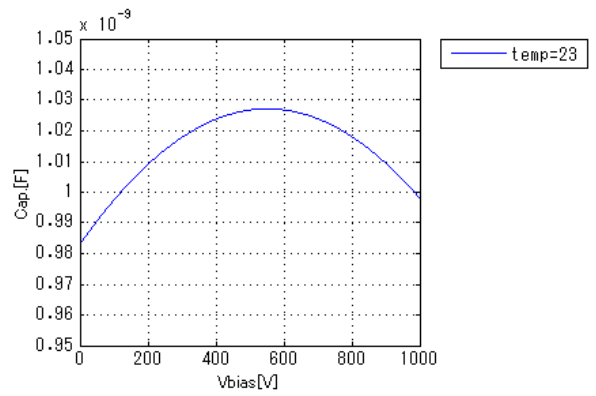
EsrFreq.



Cap.Freq.



Cap.Vbias



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