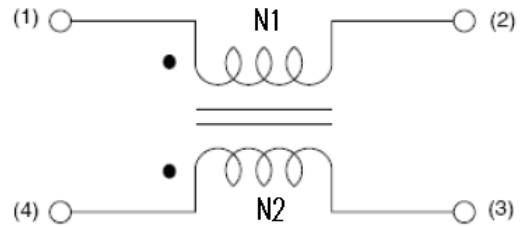


LTspice Model

Choke Coil

Sunlord

AMCW4532B-2-510T



Model Information

Model An Original Macro Model
Call Name MDC_AMCW4532B-2-510T_LT
Pin Assign 1:N1 2:N1 3:N2 4:N2
File List Model Library MDC_AMCW4532B-2-510T_LT01.lib
 Model Report MDC_AMCW4532B-2-510T_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 2019/05/15
- Product name AMCW4532B-2-510T
- Company name Shenzhen Sunlord Electronics Co.,Ltd.
- Characteristics ImpedanceFreq[NAME],InductanceI[Temp],InductanceVf[Temp],ResistanceVf[Temp],InsulationResVr[Temp]

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.	to	Max.	
Temperature	-40	to	150	deg C

Choke Coil

○ : Implemented
 × : Not Implemented
 — : Not applicable

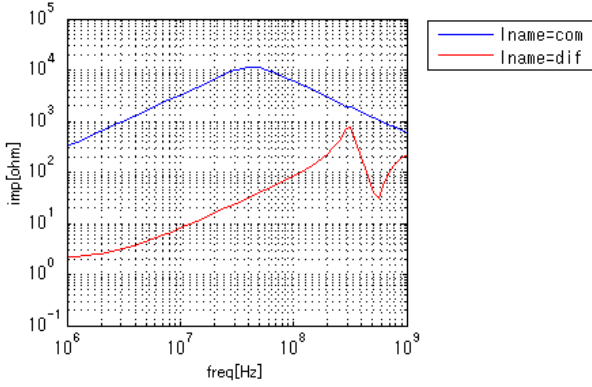
Model Functions Table
RANK=1

Functions	RANK	Implemented
Impedance-Frequency	1	○
Inductance-Frequency	1	—
Inductance-Current	1	○
Inductance-Voltage	1	○
Inductance-Temp	1	—
Resistance	1	○
Insulation Res	1	○

Simulation results are following.
 Explanatory notes — : simulated

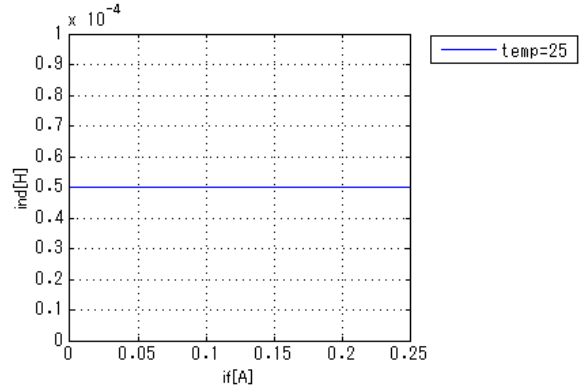
ImpedanceFreq[NAME]

temp = 25degC



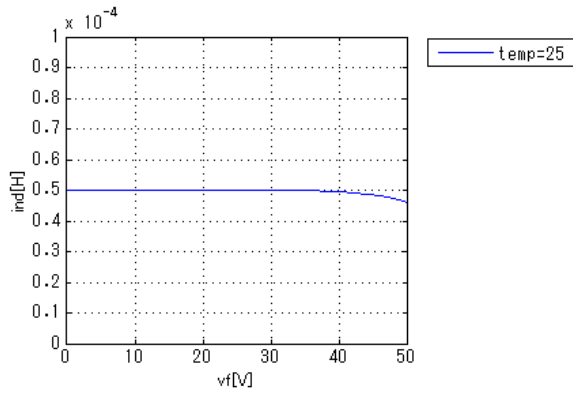
InductanceIf[Temp]

freq = 1000000Hz

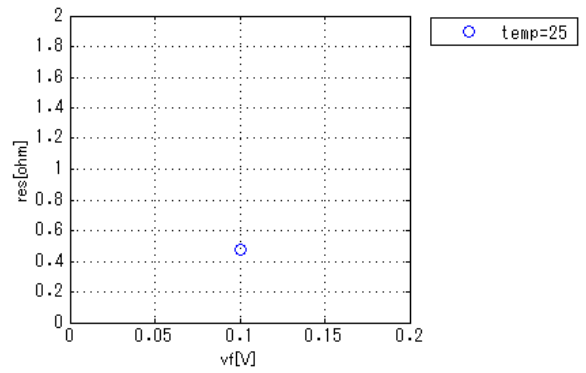


InductanceVf[Temp]

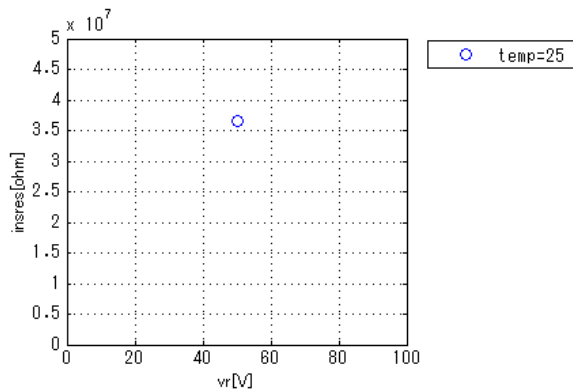
freq = 1000000Hz



ResistanceVf[Temp]



InsulationResVr[Temp]



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