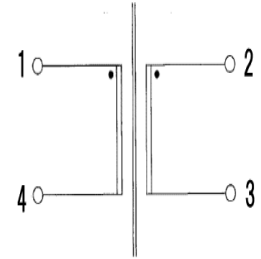


LTspice Model

Choke Coil

SANWA MUSEN

CMR30N2121



Model Information

Model A macro model
Call Name MDC_CM30N2121_LT
Pin Assign 1:S 2:s 3:f 4:F
File List Model Library MDC_CM30N2121_LT01.lib
 Model Report MDC_CM30N2121_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 Unknown
- Product name CMR30N2121
- Company name SANWA MUSEN CO.,LTD.
- Characteristics ImpedanceFreq,InductanceFreq,DcResistance

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	-25	to	130	deg C

Inductor

○ : Implemented
 × : Not Implemented
 — : Not applicable

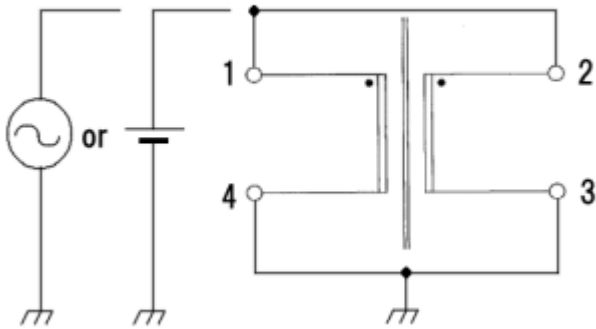
Model Functions Table

RANK=1

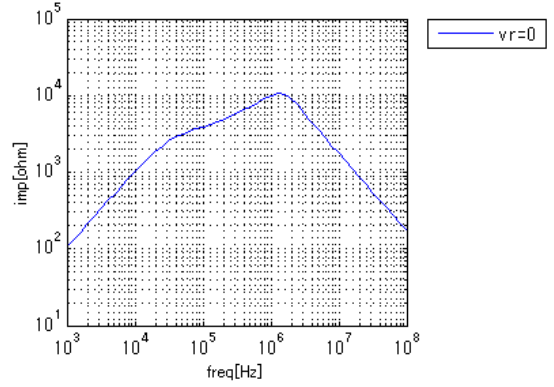
Functions	RANK	Implemented
Impedance-Frequency	1	○
Inductance-Frequency	1	○
DC Resistance	1	○

Simulation results are following.
 Explanatory notes — : simulated

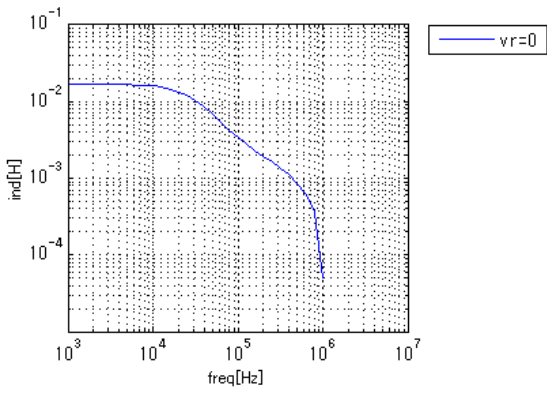
Test Bench



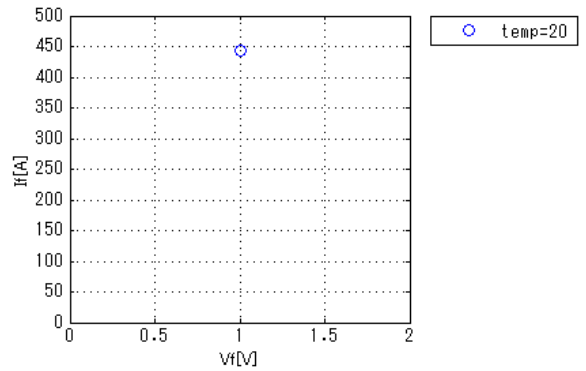
ImpedanceFreq



InductanceFreq



DcResistance



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