

LTspice Model

Choke Coil

MITSUMI

MDC_C6-K5LGA-EA_LT

Model Information

Model	A macro model		
Call Name	MDC_C6-K5LGA-EA_LT		
Pin Assign	No Polarity		
File List	Model Library	MDC_C6-K5LGA-EA_LT01.lib	
	Model Report	MDC_C6-K5LGA-EA_LT.pdf(this file)	
Verified Simulator Version	LTspice XVII		
Note			

References

The information which was used for modeling is as follow:

[Data Sheet]

●Date/Version	No Information
●Product name	C6-K5LGA-EA
●Company name	MITSUMI ELECTRIC CO., LTD.

[Characteristics listed]

●Characteristics	Inductance vs Frequency
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Simulation Condition

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

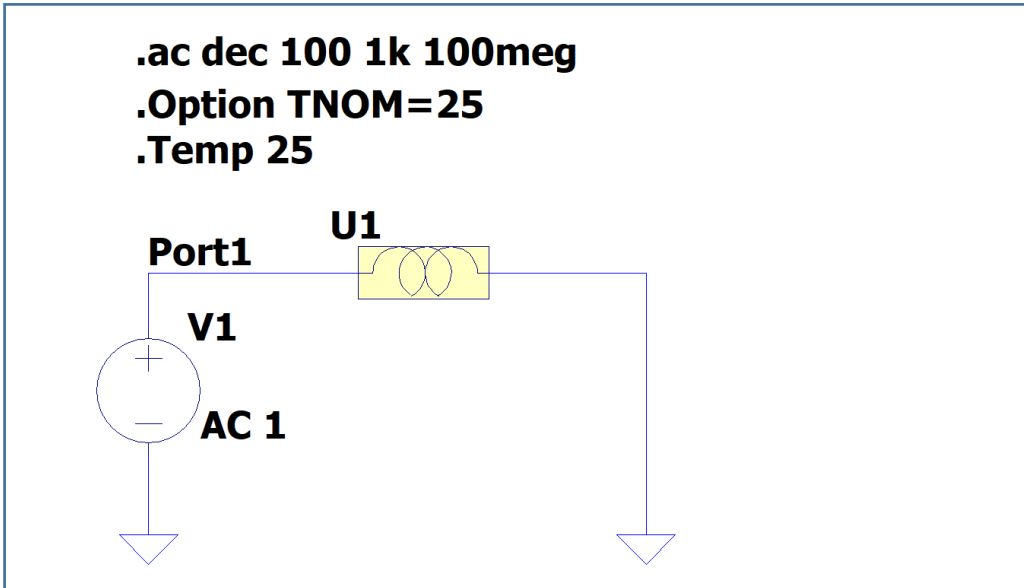
Item	Condition	Unit
Temperature	25	deg C

Model Functions Table

Functions	Implemented
Inductance vs Frequency	○

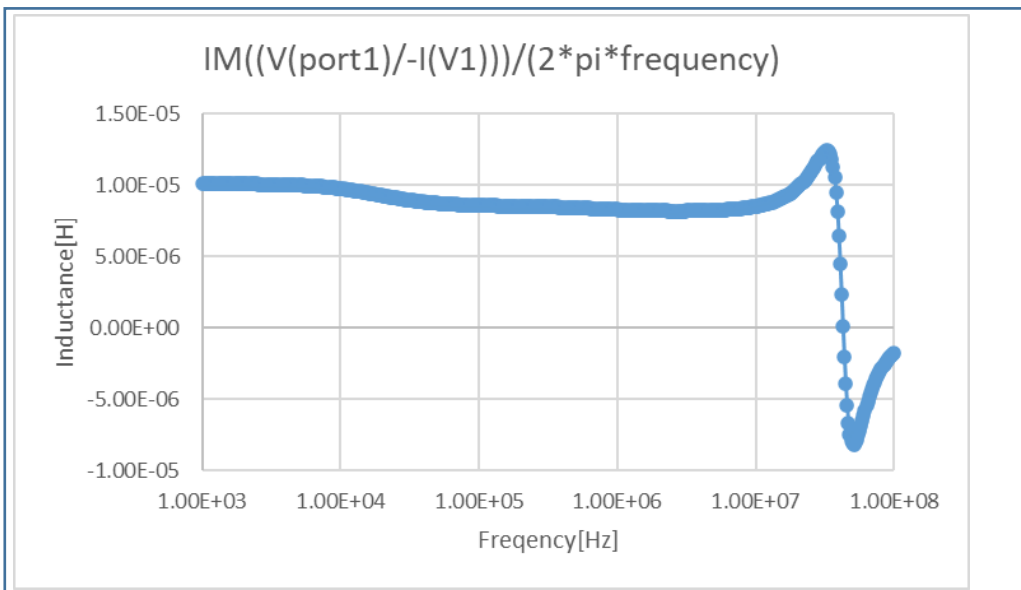
Inductance vs Frequency

TestBench



Simulation results are following.

Explanatory notes — : simulated



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