

LTspice Model

Film Inductor

TDK

VLS6045EX-101M-H

Model Information

Model	An original macro model		
Call Name	MDC_VLS6045EX-101M-H_LT		
Pin Assign	PIN1:1 PIN2:2		
File List	Model Library	MDC_VLS6045EX-101M-H_LT01.lib	
	Model Report	MDC_VLS6045EX-101M-H_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	20180830
●Product name	VLS6045EX-101M-H
●Company name	TDK Corporation
●Characteristics	LvsFreq,LvsIDC

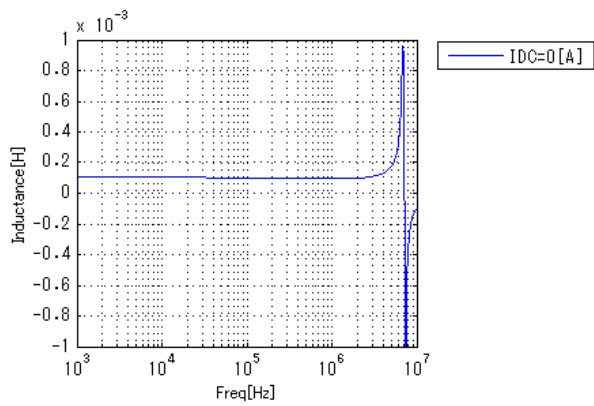
Simulation Range

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

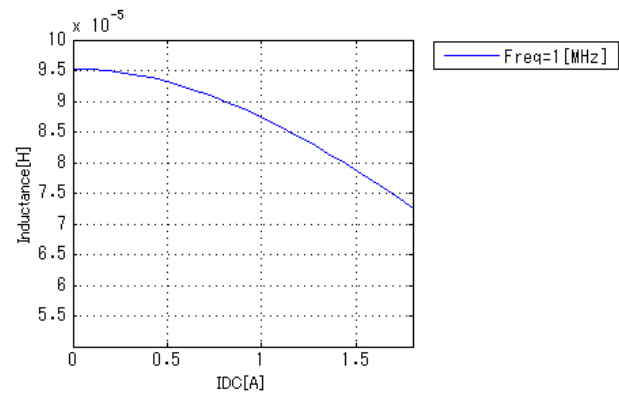
Item	Range			Unit
	Min.		Max.	
Current (DC)	0	to	1.1	A

Simulation results are following.
Explanatory notes — : simulated

LvsFreq



LvsIDC



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MoDeCH Inc.

Head Office

Location: 5-15 Yokoyama-cho, Hachioji-Shi, Tokyo 192-0081, Japan

Tel:+81-42-656-3360

E-Mail:model-on-support@modech.co.jp

URL:<http://www.modech.com/en/>