

# PSpice Model

## Inductor

### VISHAY

### IHLP4040DZERR47M5A

#### Model Information

<b>Model</b>	A macro model	
<b>Call Name</b>	MDC_IHLP4040DZERR47M5A_PS	
<b>Pin Assign</b>	1:1 2:2	
<b>File List</b>	Model Library	MDC_IHLP4040DZERR47M5A_PS.lib
	Model Report	MDC_IHLP4040DZERR47M5A_PS.pdf(this file)
<b>Verified Simulator Version</b>	PSpice v17.2	

#### Note

#### References

The information which was used for modeling is as follow:

[Data Sheet]

- Date/Version                      Revision: 16-Oct-2020
- Product name                      IHLP4040DZERR47M5A
- Company name                      Vishay Intertechnology, Inc.

[Characteristics listed]

- Characteristics

Inductance , Impedance - Frequency

#### 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

○ : Implemented  
 × : Not Implemented  
 — : Not applicable

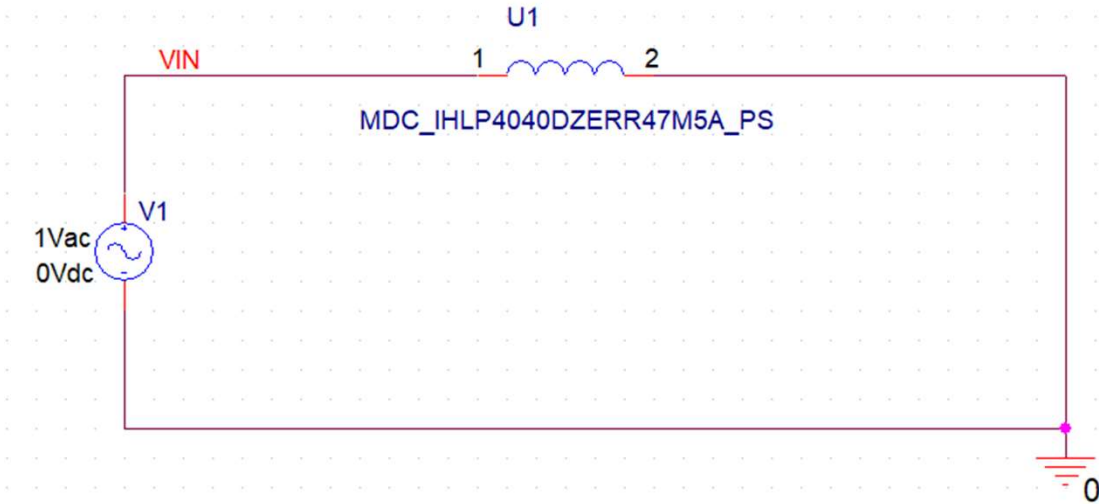
**Model Functions Table**

**RANK=1**

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

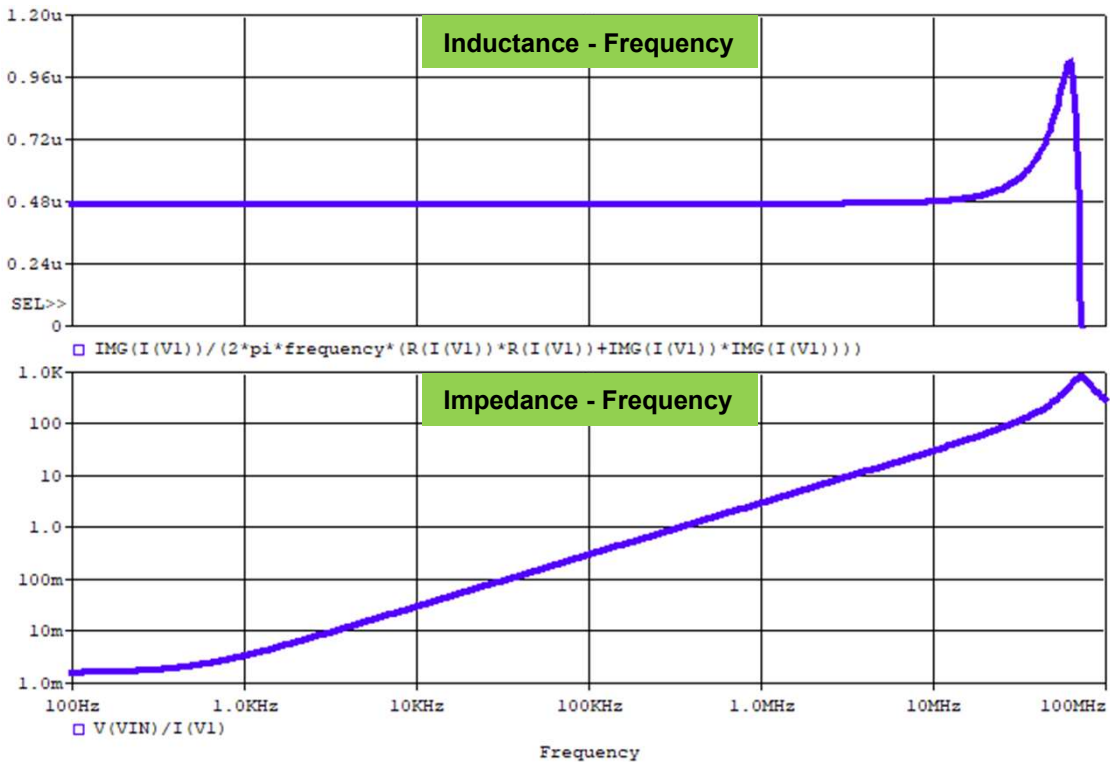
Inductance , Impedance-Frequency Testbench

Referred to Data Sheet



Simulation results are following.  
 Explanatory notes — : simulated

Inductance , Impedance-Frequency



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