

# PSpice Model

## Inductor

### VISHAY

### IHLP3232DZERR47M5A

#### Model Information

**Model** A macro model  
**Call Name** MDC\_IHLP3232DZERR47M5A\_PS  
**Pin Assign** 1:1 2:2  
**File List** Model Library MDC\_IHLP3232DZERR47M5A\_PS.lib  
 Model Report MDC\_IHLP3232DZERR47M5A\_PS.pdf(this file)  
**Verified Simulator Version** 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 IHLP3232DZERR47M5A
- 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

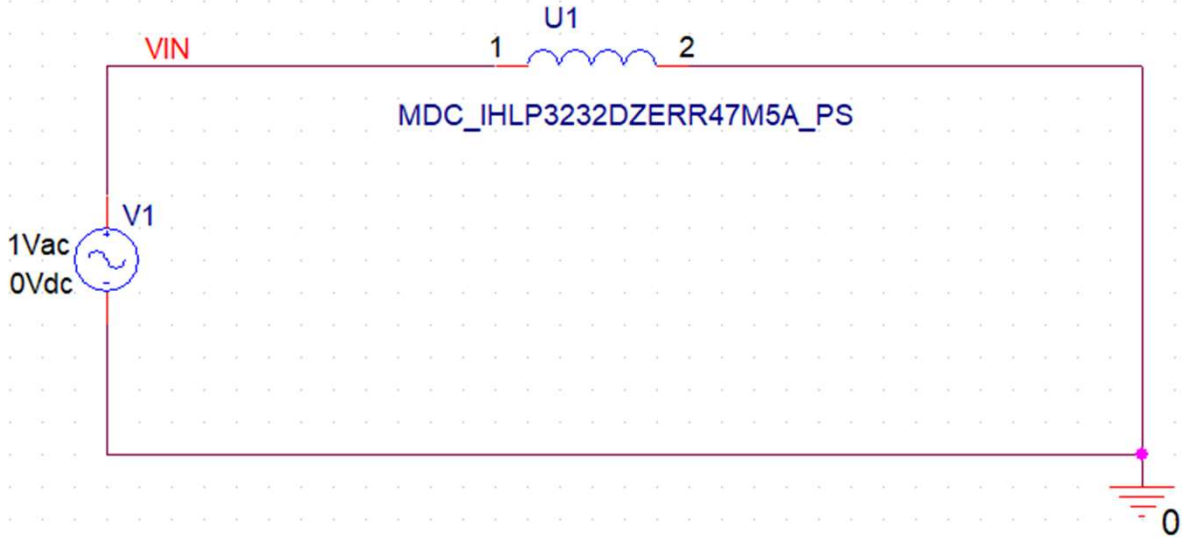
**Model Functions Table**

**RANK=1**

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

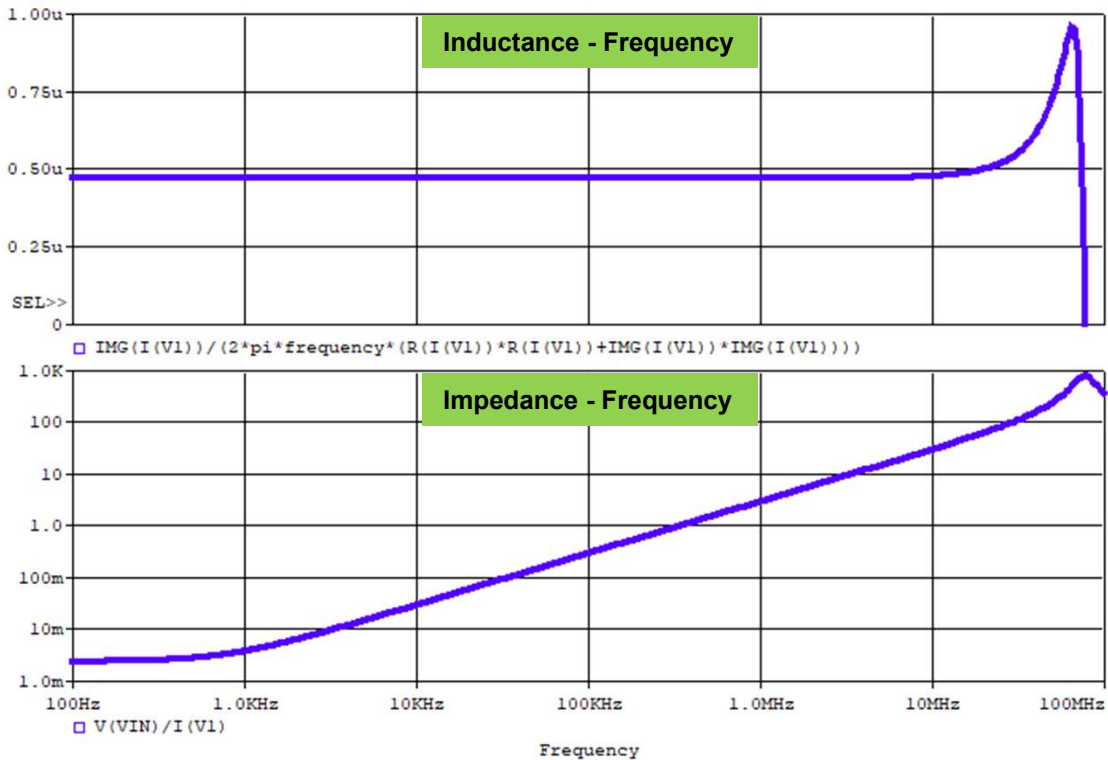
Inductance , Impedance-Frequency Testbench

Referred to Data Sheet



Simulation results are following.  
 Explanatory notes — : simulated

Inductance , Impedance-Frequency



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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](mailto:model-on-support@modech.co.jp)

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