

LTspice Model

Ferrite Beads

Murata

MDC_BLM18PG121SN1D_LT

Model Information

| | | |
|-----------------------------------|-----------------------|--------------------------------------|
| Model | A macro model | |
| Call Name | MDC_BLM18PG121SN1D_LT | |
| Pin Assign | 1:1 2:2 | |
| File List | Model Library | MDC_BLM18PG121SN1D_LT.lib |
| | Model Report | MDC_BLM18PG121SN1D_LT.pdf(this file) |
| Verified Simulator Version | LTspice v24 | |
| Note | | |

References

The information which was used for modeling is as follow:

[Data Sheet]

- Date/Version
- Product name BLM18PG121SN1D
- Company name Murata Manufacturing Co., Ltd.

[Characteristics listed]

- Characteristics Z,R,X vs Frequency

Simulation Condition

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

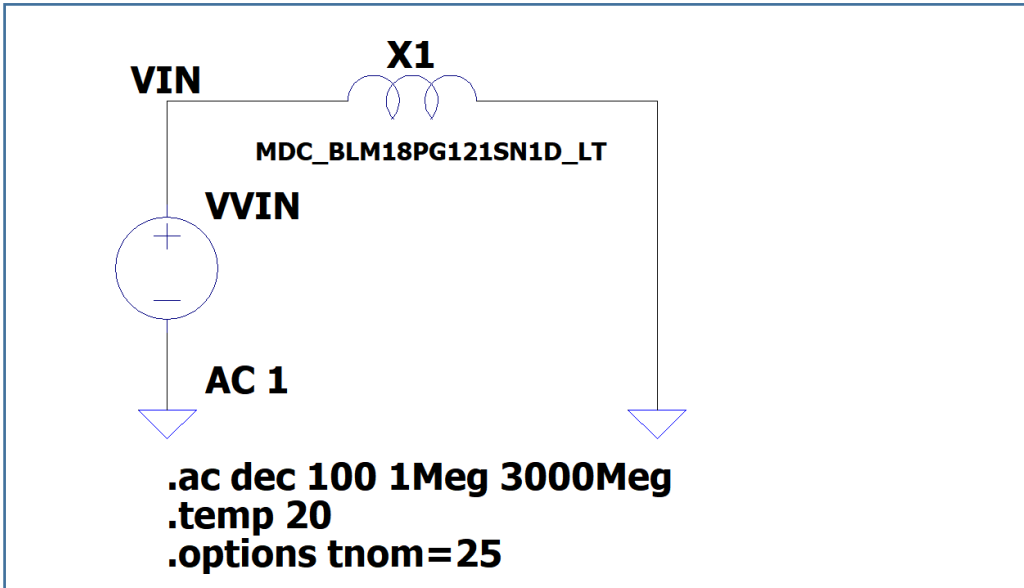
| Item | Condition | Unit |
|-------------|-----------|-------|
| Temperature | 20 | deg C |

Model Functions Table

| Functions | Implemented |
|--------------------|-------------|
| Z,R,X vs Frequency | ○ |

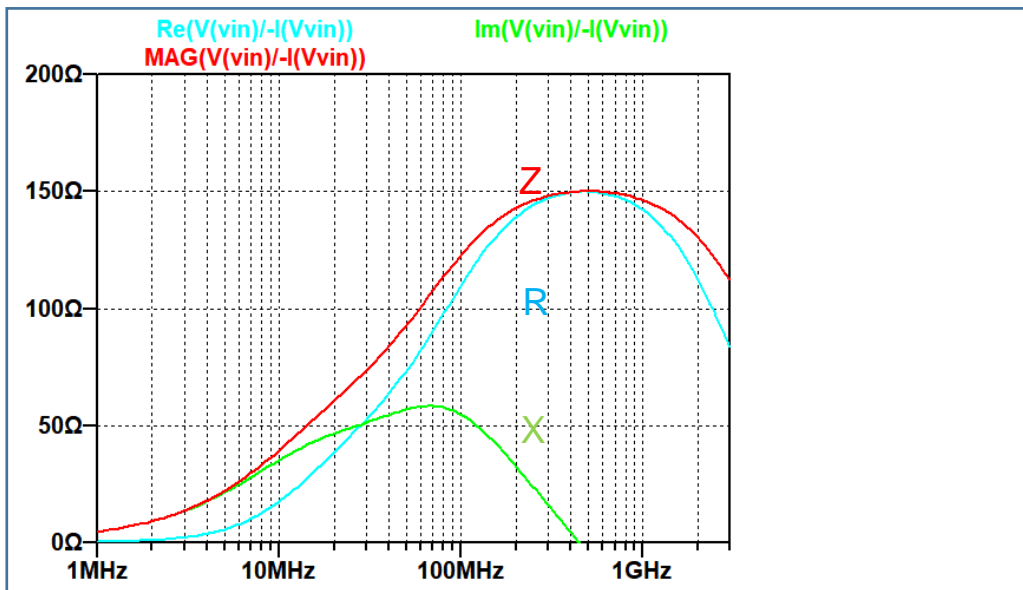
Z,R,X vs Frequency

TestBench



Simulation results are following.

Explanatory notes — : simulated



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