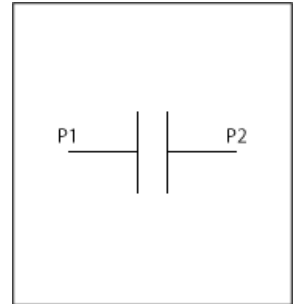


LTspice Model

Ceramic Capacitor

Walsin Technology

1206B222K102CT



Model Information

Model An original macro model
Call Name MDC_1206B222K102CT_LT
Pin Assign 1:P1 2:P2
File List Model Library MDC_1206B222K102CT_LT01.lib
 Model Report MDC_1206B222K102CT_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 Unknown
- Product name 1206B222K102CT
- Company name Walsin Technology Corporation
- Characteristics ImpedanceFreq,ESRFreq,CapacitanceFreq,InductanceFreq

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.	
Frequency	10k	to	1G	Hz
Temperature	25	to	25	deg C

Capacitor

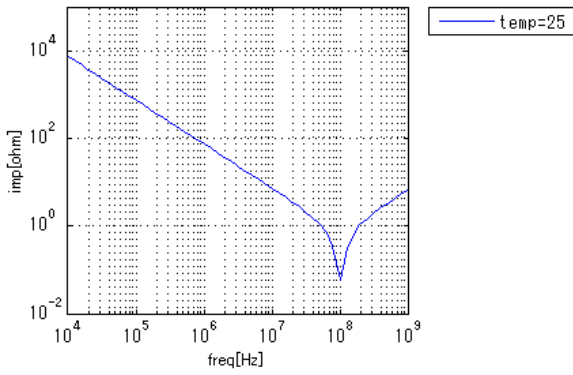
○ : Implemented
 × : Not Implemented
 — : Not applicable

Model Functions Table
RANK=1

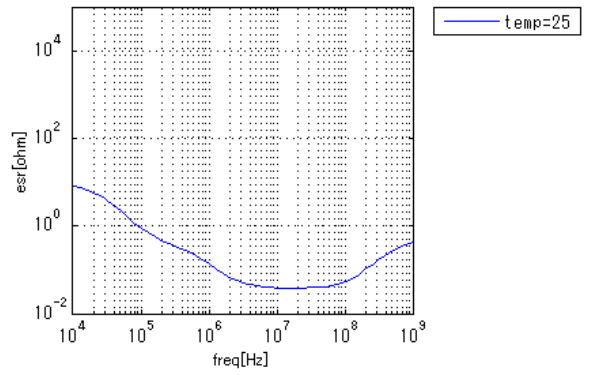
Functions	RANK	Implemented
Impedance-Frequency	1	○
ESR-Frequency	1	○
Capacitance-Frequency	1	○
Inductance-Frequency	1	—

Simulation results are following.
Explanatory notes — : simulated

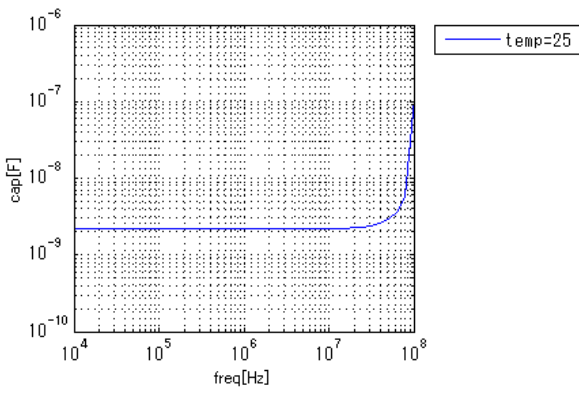
Impedance-Freq



ESR-Freq



Capacitance-Freq



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