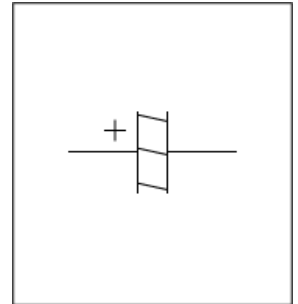


PSpice Model

Aluminum Electrolytic Capacitor

NIPPON CHEMI-CON

HHXA350ARA470



Model Information

Model An original macro model
Call Name MDC_HHXA350ARA470_PS
Pin Assign 1:1 2:2
File List Model Library MDC_HHXA350ARA470_PS01.lib
 Model Report MDC_HHXA350ARA470_PS.pdf (this file)

Verified Simulator Version PSpice version 17.2
Note

References

The information which was used for modeling is as follow:

[Data Sheet]

- Date/Version Unknown
- Product name HHXA350ARA470
- Company name NIPPON CHEMI-CON CORPORATION
- Characteristics ImpedanceFreq,CapacitanceFreq

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	100	to	1G	Hz
Temperature	20	to	20	deg C

Capacitor

○ : Implemented
 × : Not Implemented
 — : Not applicable

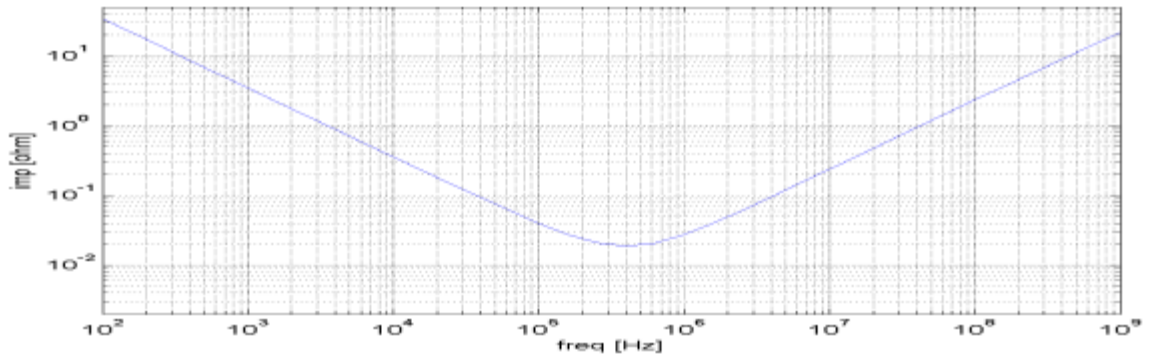
Model Functions Table

RANK=1

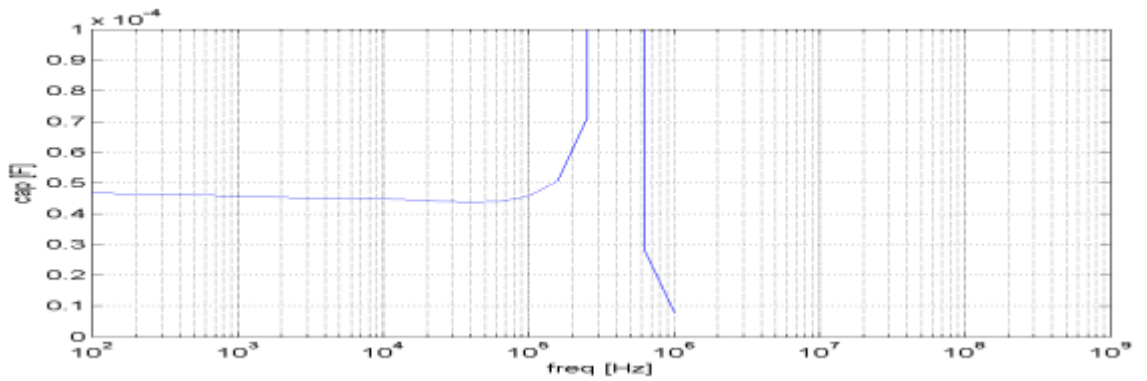
Functions	RANK	Implemented
Impedance-Frequency	1	○
Capacitance-Frequency	1	○

Simulation results are following.
 Explanatory notes — : simulated

ImpedanceFreq



CapacitanceFreq



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