

Device Modeling Report

COMPONENTS: CAPACITOR/CERAMIC
PART NUMBER: ECKTBC222ME
MANUFACTURER: PANASONIC
REMARK: TA=80C



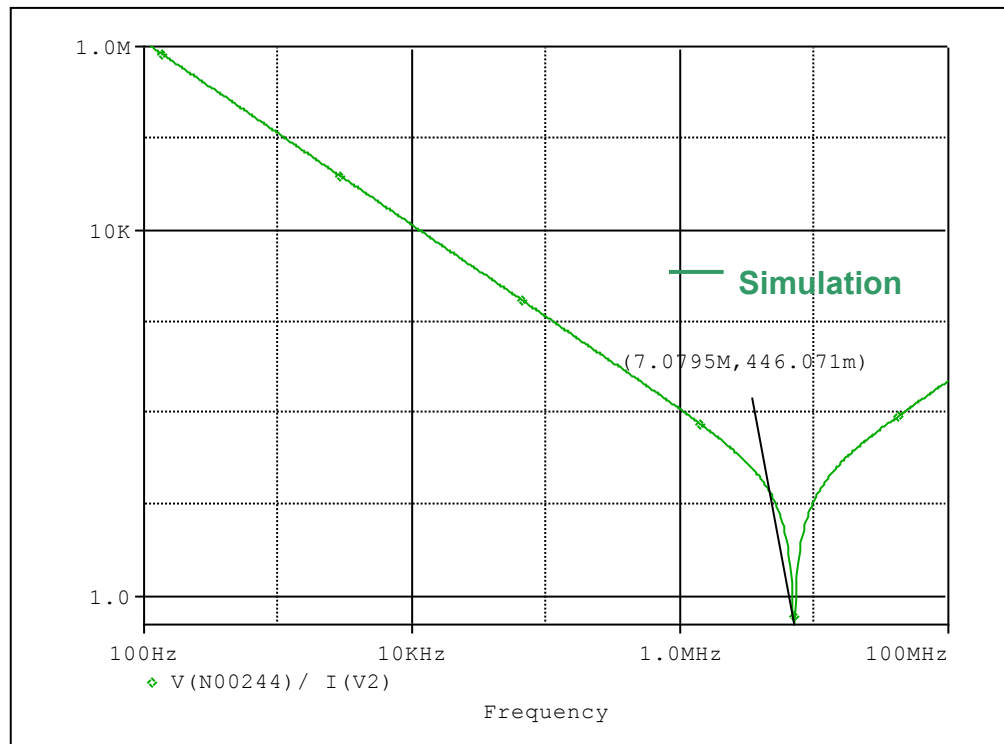
Bee Technologies Inc.

Equivalent circuit

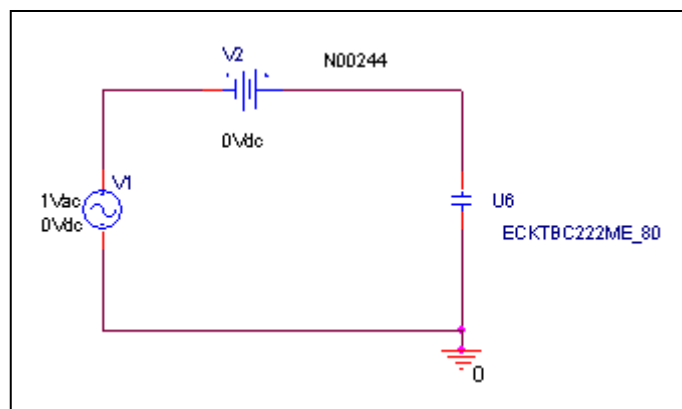


Frequency vs. |Z| Characteristic

Circuit Simulation result



Evaluation Circuit



Simulation result

Frequency (Hz)	IZI (ohm) :Measurement	IZI (ohm) :Simulation	% Error
1K	111.025k	113.267k	2.0194
10K	11.2082k	11.327k	1.0599
100K	1.12686k	1.1324k	0.4916
1M	110.992	110.989	-0.0027
10M	11.4573	11.352	-0.9191
100M	194.517	226.774	16.5831

	Measurement	Simulation	%Error
FSRF(Hz)	6.9984M	7.0795M	1.1588
IZI (ohm)	485.722m	446.071m	-8.1633