

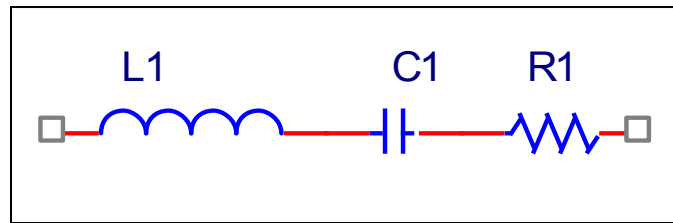
Device Modeling Report

COMPONENTS: RESISTOR
PART NUMBER: ERF5AJ510
THERMAL: TA=80(degree)
MANUFACTURER: MATSUSHITA



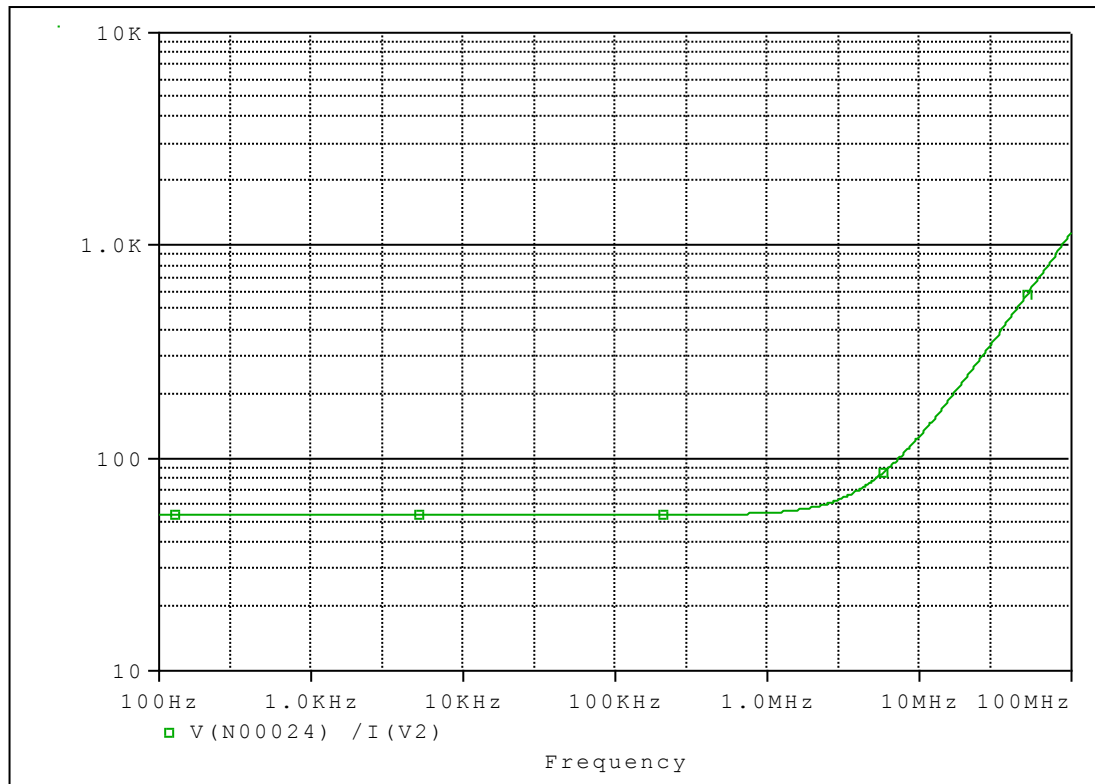
Bee Technologies Inc.

Equivalent circuit

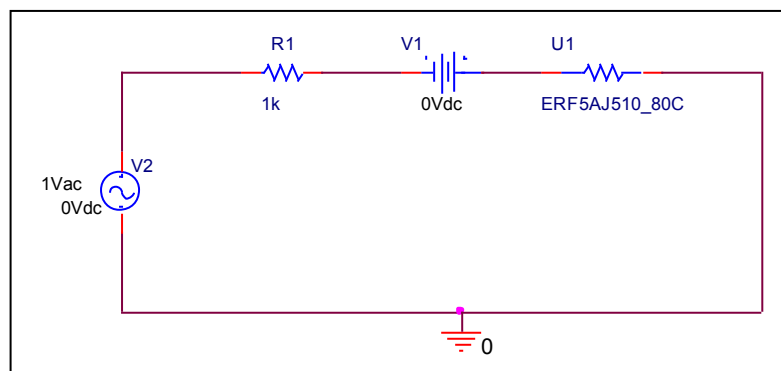


Frequency vs. $|Z|$ Characteristic

Circuit simulation result



Evaluation Circuit



Simulation Result

Frequency(HZ)	 Z (ohm) Measurement	 Z (ohm) Circuit Simulation	%Error
100	53.072	54.044	1.831
1K	53.069	54.043	1.835
10K	53.089	54.043	1.798
100K	53.110	54.055	1.780
1M	54.810	55.248	0.799
10M	128.347	126.857	1.161