

Device Modeling Report

COMPONENTS: Inductance

PART NUMBER: LQM2HPN3R3MJ0

MANUFACTURER: Murata Manufacturing Co., Ltd.

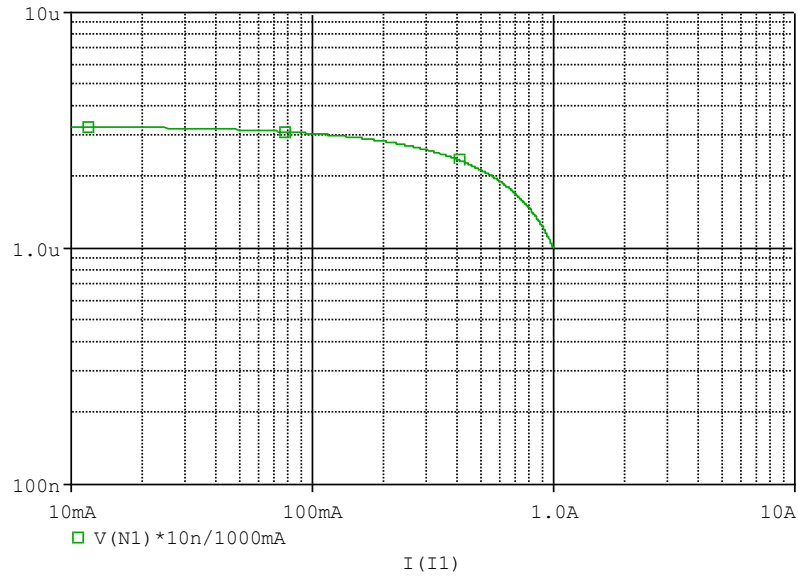
Remark: DC Model



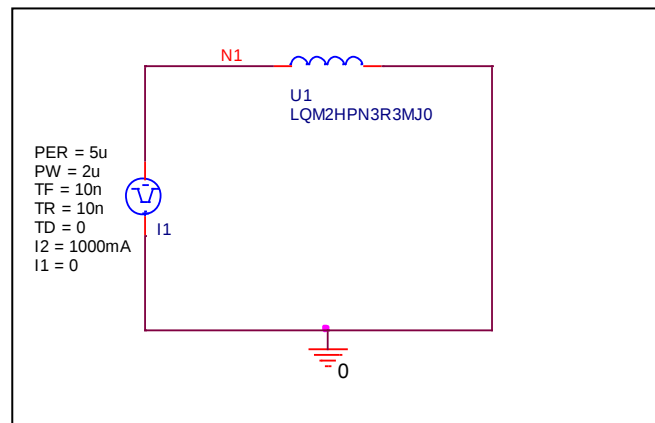
Bee Technologies Inc.

Inductance-Current Characteristics

Circuit Simulation result

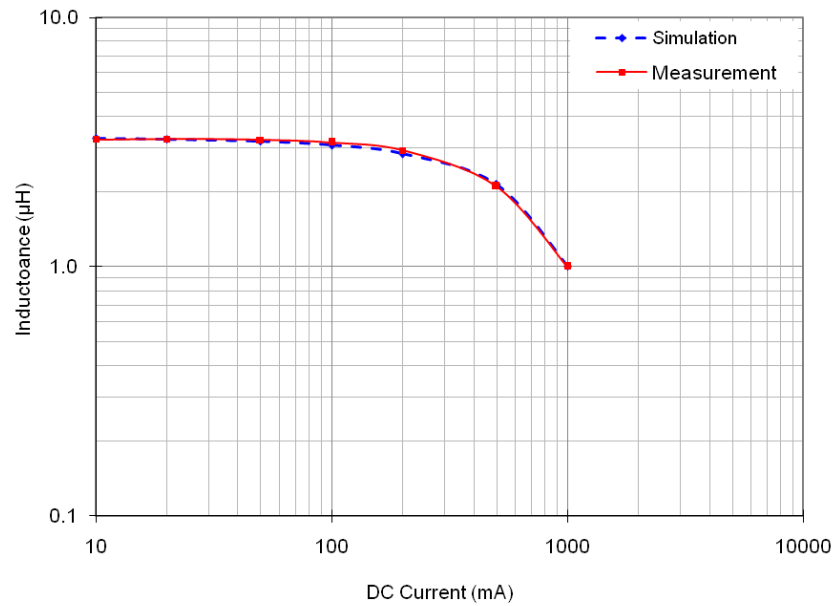


Evaluation circuit



Comparison Graph

Simulation result



Comparison table

I (mA)	L (μH)		%Error
	Measurement	Simulation	
10	3.245	3.277	0.99
20	3.250	3.254	0.12
50	3.230	3.186	-1.36
100	3.155	3.070	-2.69
200	2.925	2.840	-2.91
500	2.100	2.151	2.43
1000	1.000	1.003	0.30