

Device Modeling Report

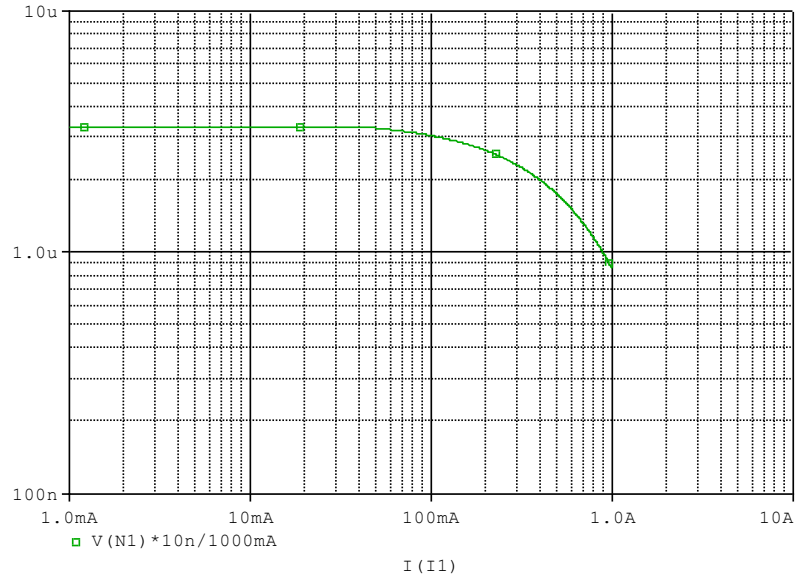
COMPONENTS: Inductor DC Model
PART NUMBER: LQM2HPN3R3MG0
MANUFACTURER: Murata Manufacturing Co, Ltd.
Remark: DC Model



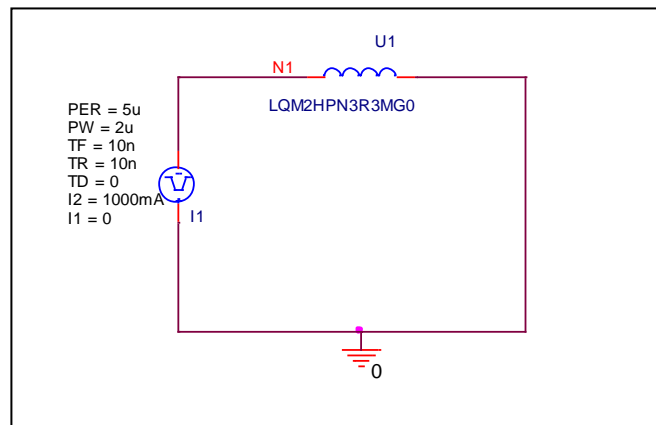
Bee Technologies Inc.

Inductance-Current Characteristics

Circuit Simulation result

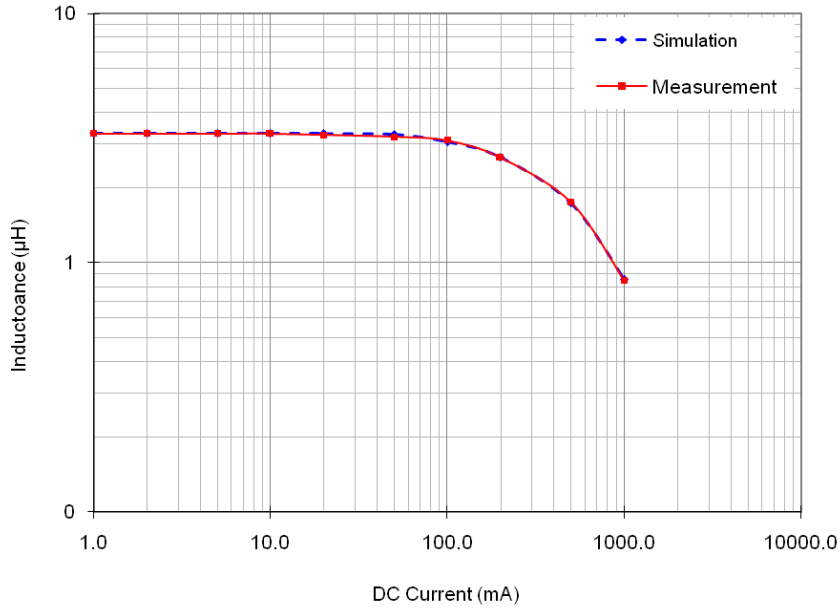


Evaluation circuit



Comparison Graph

Simulation result



Comparison table

I (mA)	L (µH)		%Error
	Measurement	Simulation	
1	3.300	3.300	0.00
2	3.300	3.300	0.00
5	3.300	3.300	0.00
10	3.300	3.300	0.00
20	3.250	3.300	1.54
50	3.200	3.272	2.24
100	3.100	3.049	-1.66
200	2.650	2.647	-0.12
500	1.750	1.733	-0.99
1000	0.850	0.855	0.58