

Device Modeling Report

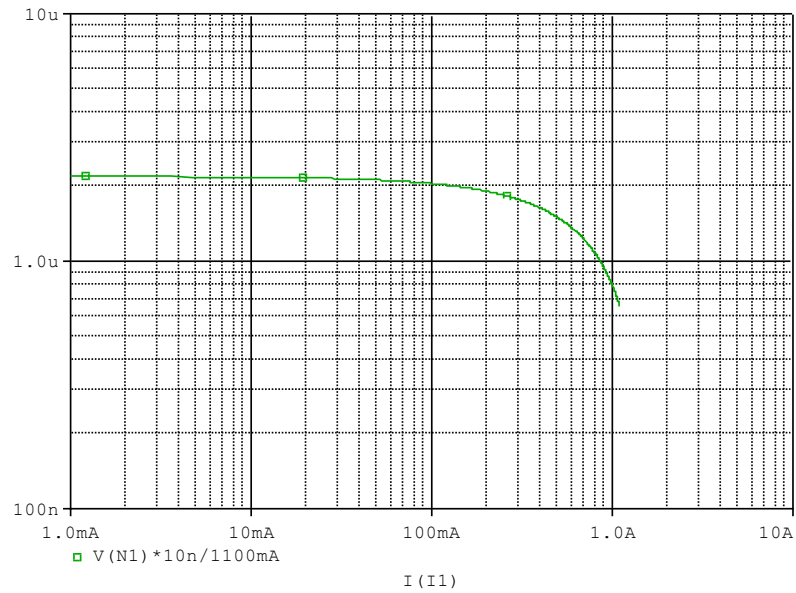
COMPONENTS: Inductor DC Model
PART NUMBER: LQM2HPN2R2MG0
MANUFACTURER: Murata Manufacturing Co, Ltd.
Remark: DC Model



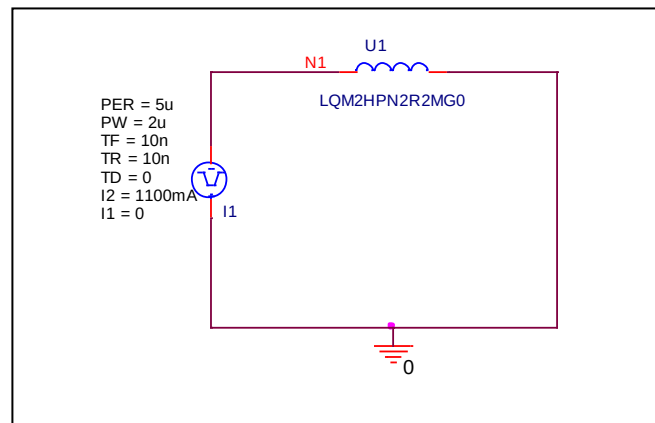
Bee Technologies Inc.

Inductance-Current Characteristics

Circuit Simulation result

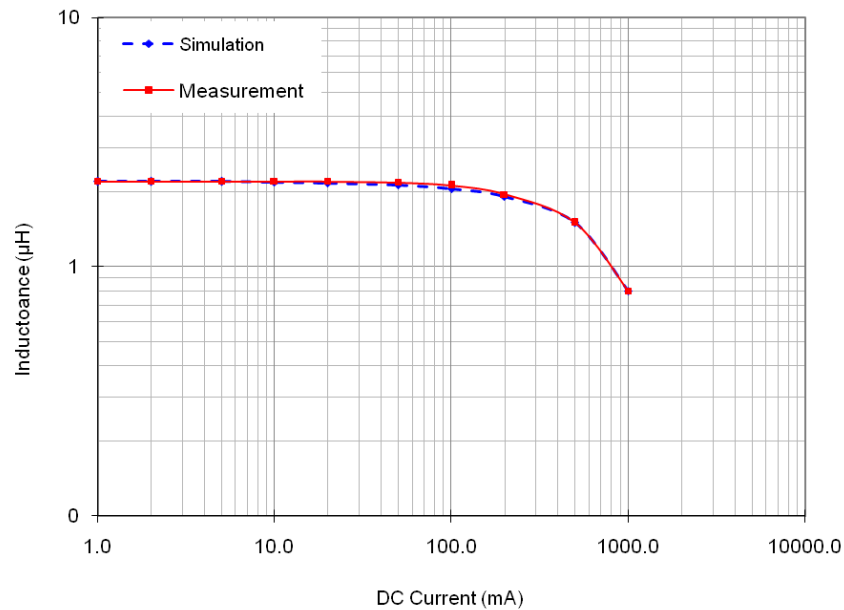


Evaluation circuit



Comparison Graph

Simulation result



Comparison table

I (mA)	L (μH)		%Error
	Measurement	Simulation	
1	2.200	2.199	-0.06
2	2.200	2.197	-0.13
5	2.200	2.193	-0.32
10	2.200	2.186	-0.64
20	2.200	2.172	-1.27
50	2.180	2.130	-2.29
100	2.120	2.060	-2.83
200	1.950	1.920	-1.53
500	1.500	1.500	0.03
1000	0.800	0.801	0.10