

Device Modeling Report

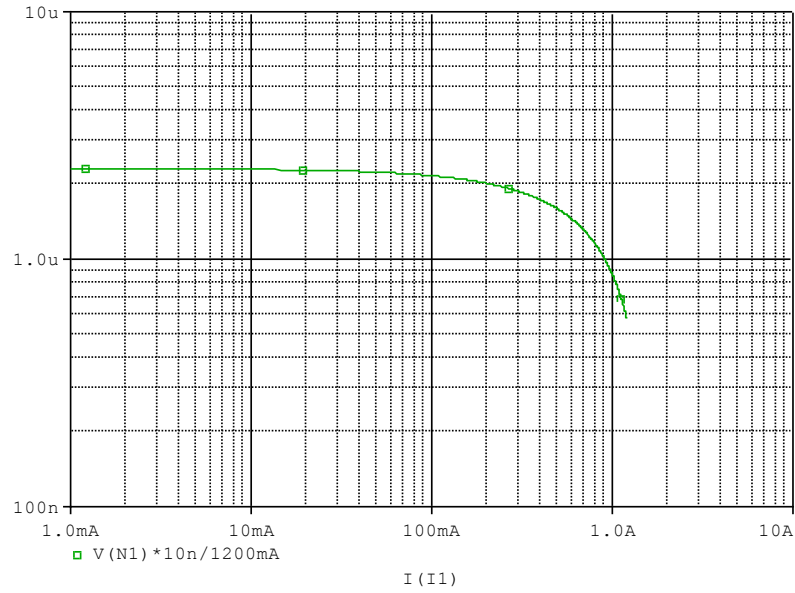
COMPONENTS: Inductor DC Model
PART NUMBER: LQM2MPN2R2NG0
MANUFACTURER: Murata Manufacturing Co, Ltd.
Remark: DC Model



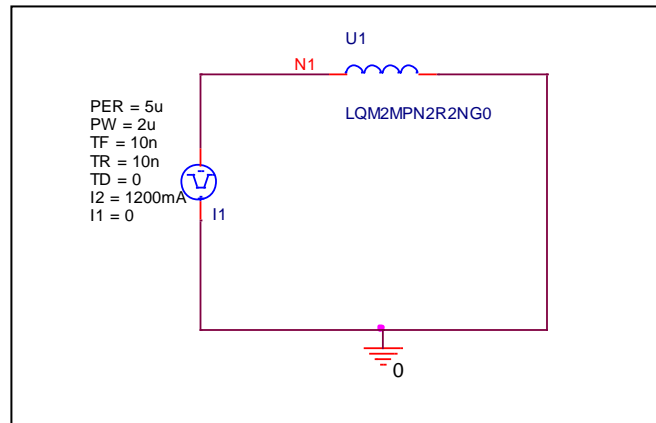
Bee Technologies Inc.

Inductance-Current Characteristics

Circuit Simulation result

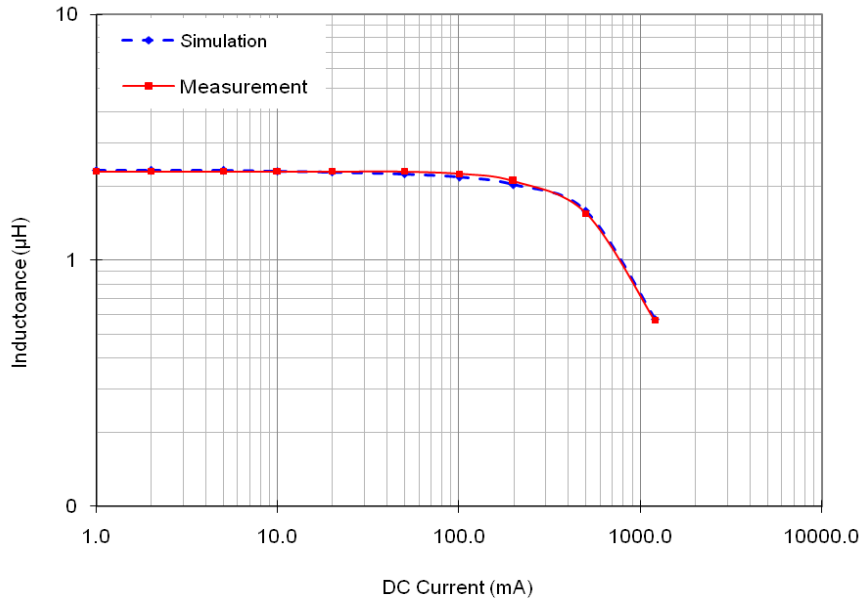


Evaluation circuit



Comparison Graph

Simulation result



Comparison table

I (mA)	L (µH)		%Error
	Measurement	Simulation	
1	2.300	2.319	0.81
2	2.300	2.317	0.74
5	2.300	2.313	0.55
10	2.300	2.306	0.24
20	2.300	2.291	-0.39
50	2.300	2.247	-2.29
100	2.250	2.175	-3.34
200	2.100	2.030	-3.35
500	1.550	1.594	2.86
1200	0.570	0.578	1.46