

Device Modeling Report

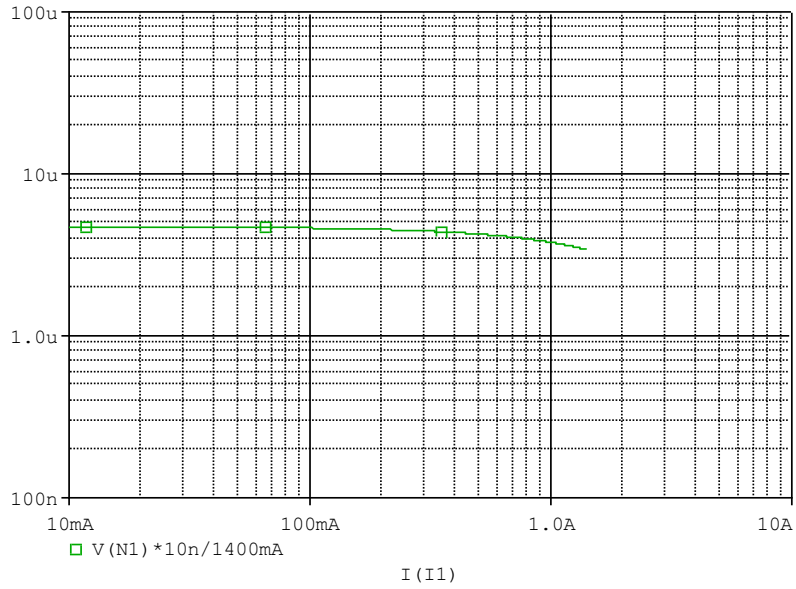
COMPONENTS: Inductance
PART NUMBER: LQH44PN4R7MJ0
MANUFACTURER: Murata Manufacturing Co., Ltd.
Remark: DC Model



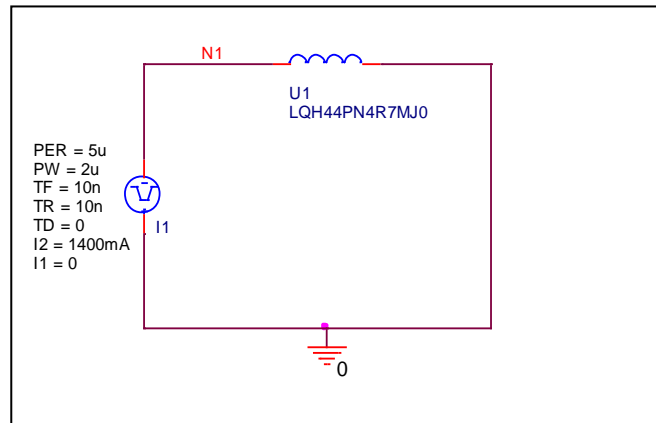
Bee Technologies Inc.

Inductance-Current Characteristics

Circuit Simulation result

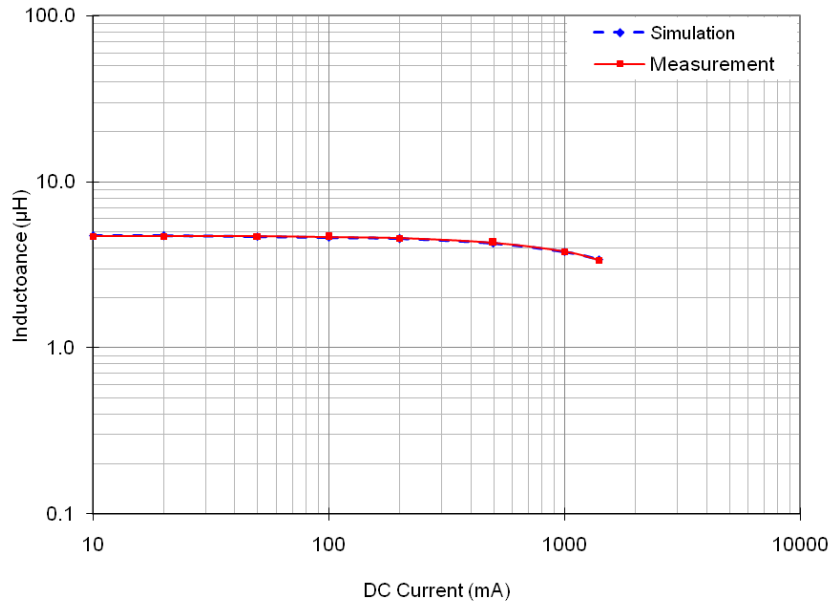


Evaluation circuit



Comparison Graph

Simulation result



Comparison table

I (mA)	L (µH)		%Error
	Measurement	Simulation	
10	4.700	4.710	0.21
20	4.700	4.701	0.02
50	4.700	4.673	-0.57
100	4.650	4.625	-0.54
200	4.575	4.531	-0.96
500	4.290	4.248	-0.98
1000	3.800	3.777	-0.61
1400	3.355	3.399	1.31