

Device Modeling Report

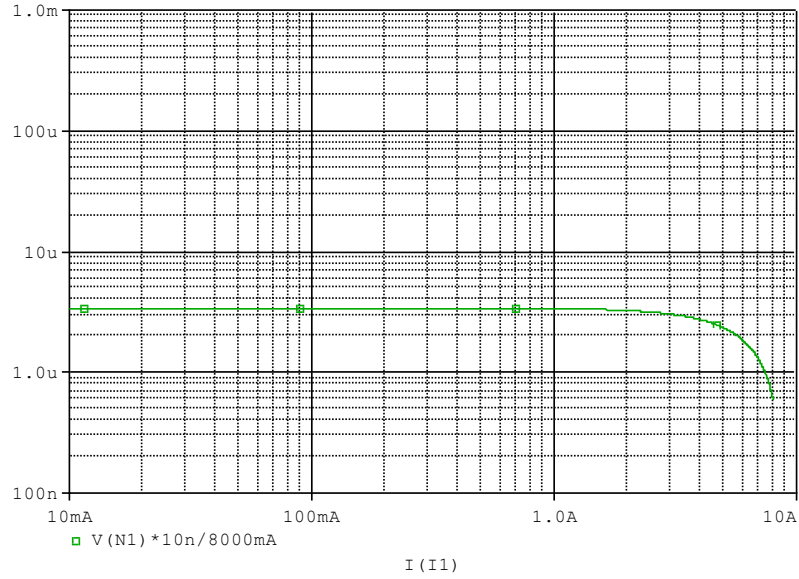
COMPONENTS: Inductor DC Model
PART NUMBER: LQH6PPN3R3N43
MANUFACTURER: Murata Manufacturing Co, Ltd.
Remark: DC Model



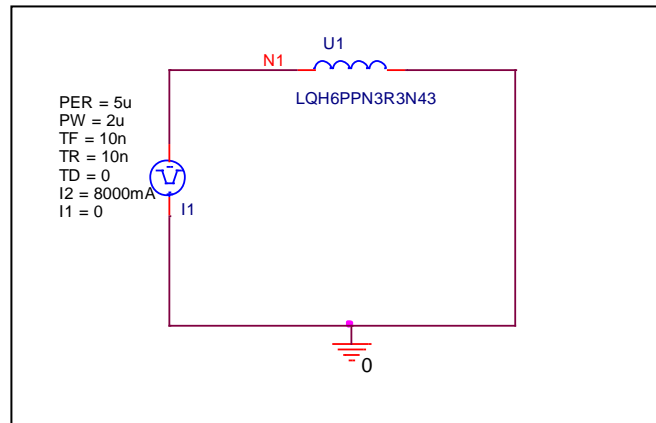
Bee Technologies Inc.

Inductance-Current Characteristics

Circuit Simulation result

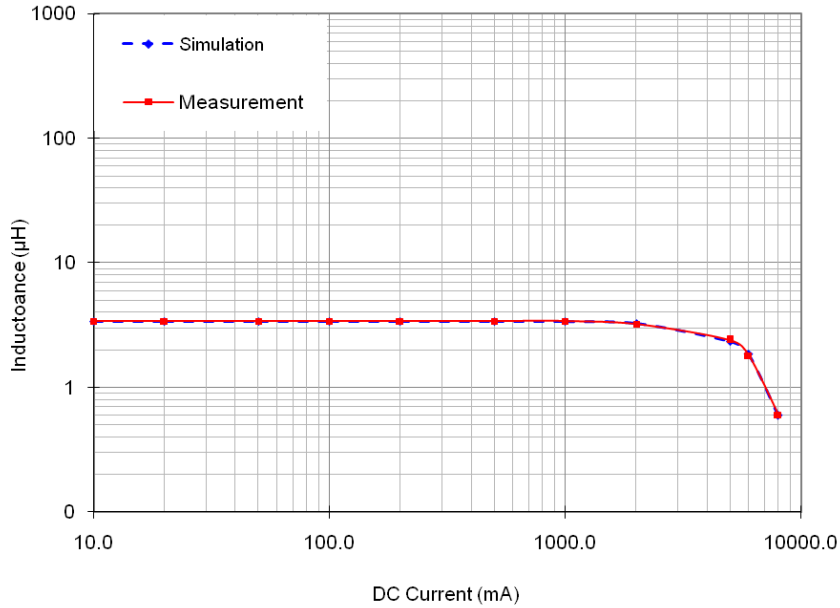


Evaluation circuit



Comparison Graph

Simulation result



Comparison table

I (mA)	L (µH)		%Error
	Measurement	Simulation	
10	3.400	3.400	0.00
20	3.400	3.400	0.00
50	3.400	3.400	0.00
100	3.400	3.400	0.00
200	3.400	3.400	0.00
500	3.400	3.398	-0.07
1000	3.400	3.371	-0.84
2000	3.200	3.250	1.56
5000	2.400	2.336	-2.68
6000	1.800	1.847	2.63
8000	0.600	0.596	-0.68