

Device Modeling Report

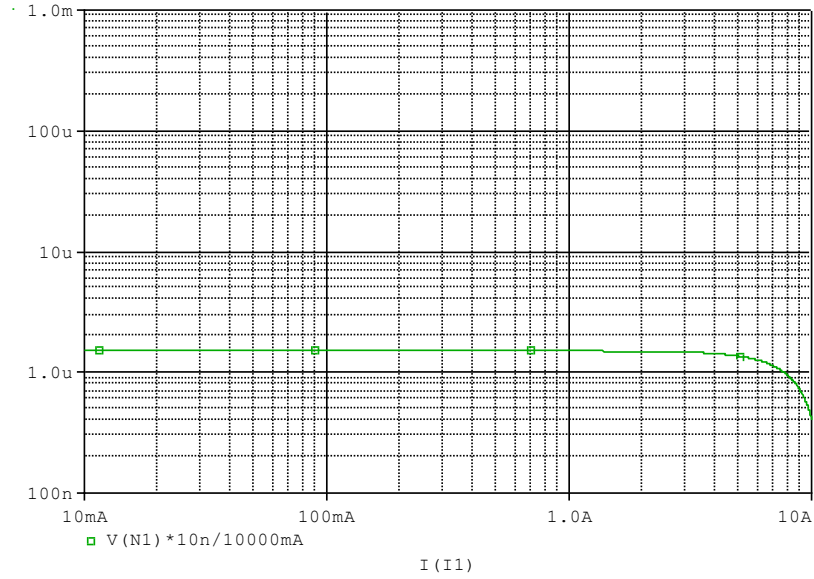
COMPONENTS: Inductor DC Model
PART NUMBER: LQH6PPN1R5N43
MANUFACTURER: Murata Manufacturing Co, Ltd.
Remark: DC Model



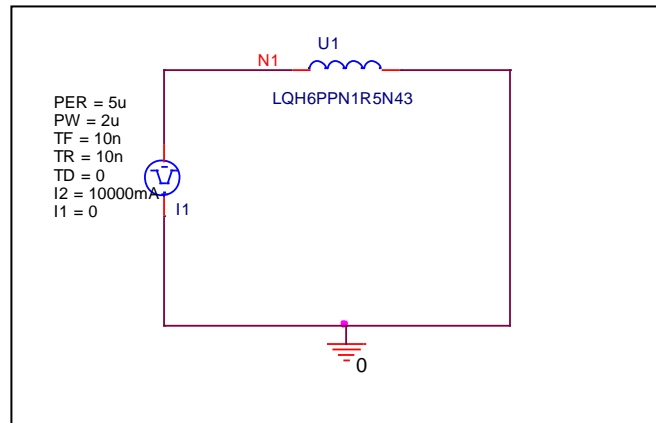
Bee Technologies Inc.

Inductance-Current Characteristics

Circuit Simulation result

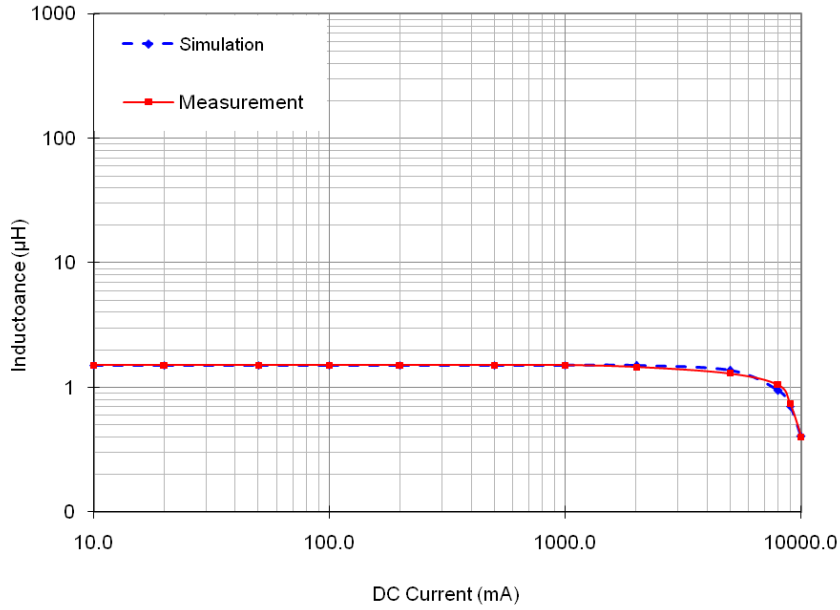


Evaluation circuit



Comparison Graph

Simulation result



Comparison table

I (mA)	L (µH)		%Error
	Measurement	Simulation	
10	1.500	1.500	0.00
20	1.500	1.500	0.00
50	1.500	1.500	0.00
100	1.500	1.500	0.00
200	1.500	1.500	0.00
500	1.500	1.500	-0.01
1000	1.500	1.499	-0.07
2000	1.450	1.491	2.85
5000	1.300	1.364	4.88
10000	0.400	0.408	2.00