

Device Modeling Report

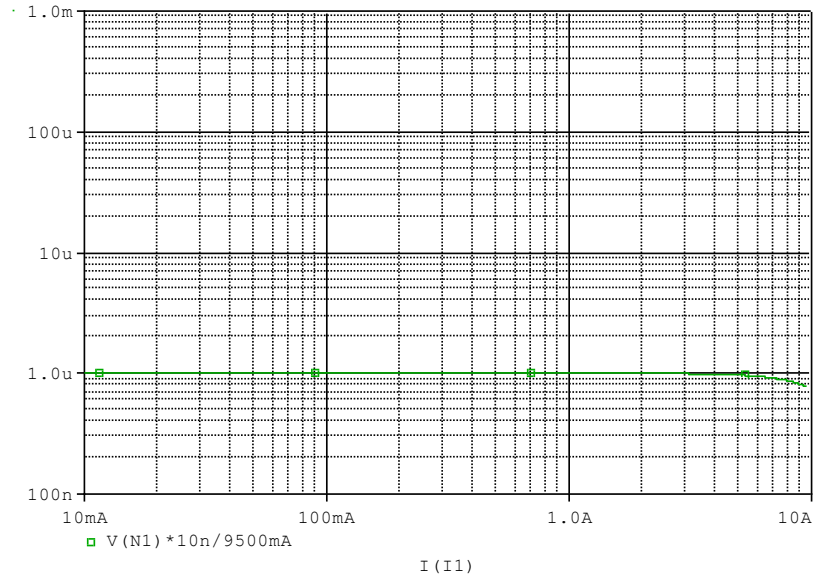
COMPONENTS: Inductor DC Model
PART NUMBER: LQH6PPN1R0N43
MANUFACTURER: Murata Manufacturing Co, Ltd.
Remark: DC Model



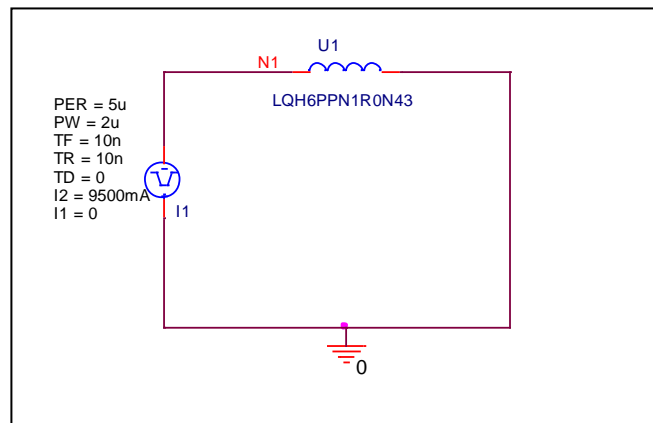
Bee Technologies Inc.

Inductance-Current Characteristics

Circuit Simulation result

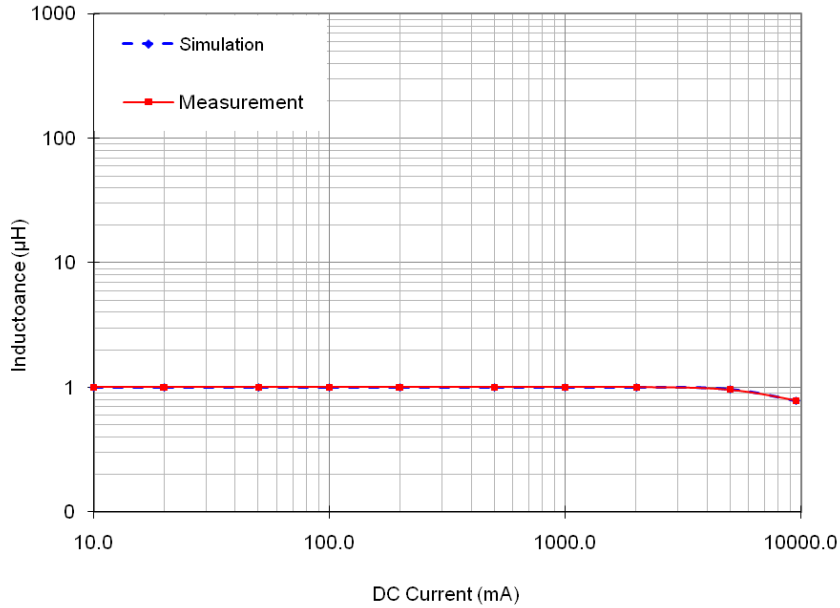


Evaluation circuit



Comparison Graph

Simulation result



Comparison table

I (mA)	L (µH)		%Error
	Measurement	Simulation	
10	1.000	1.000	0.00
20	1.000	1.000	0.00
50	1.000	1.000	0.00
100	1.000	1.000	0.00
200	1.000	1.000	0.00
500	1.000	1.000	0.00
1000	1.000	1.000	-0.03
2000	1.000	0.998	-0.21
5000	0.960	0.968	0.78
9500	0.780	0.777	-0.37