

Device Modeling Report

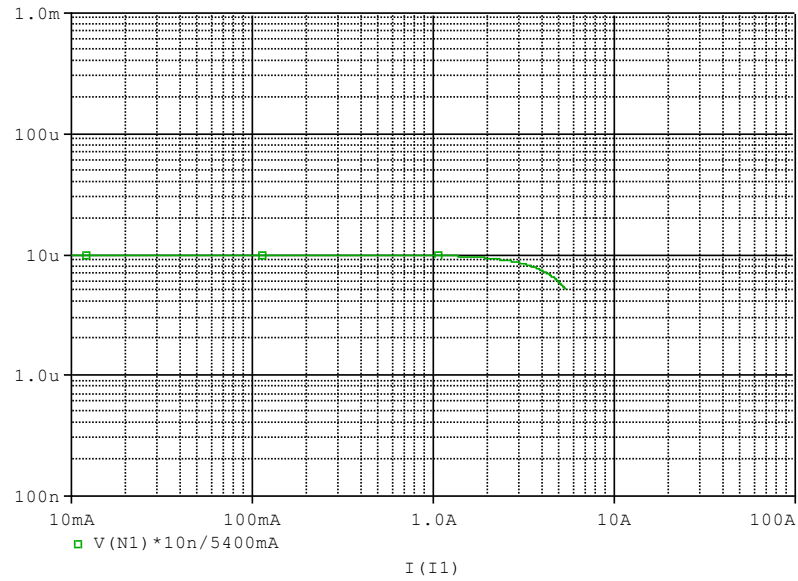
COMPONENTS: Inductor DC Model
PART NUMBER: LQH88PN100M38
MANUFACTURER: Murata Manufacturing Co, Ltd.
Remark: DC Model



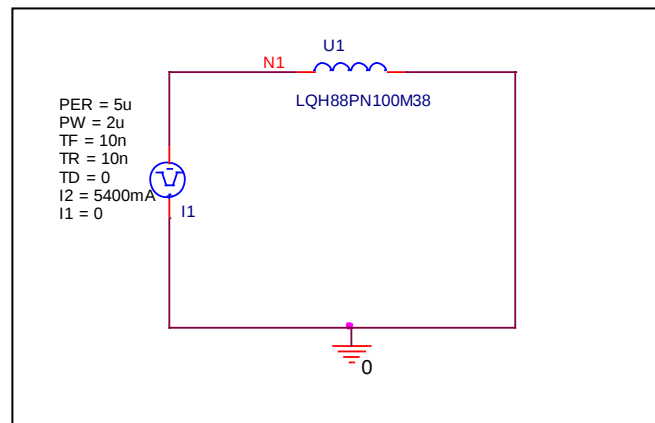
Bee Technologies Inc.

Inductance-Current Characteristics

Circuit Simulation result

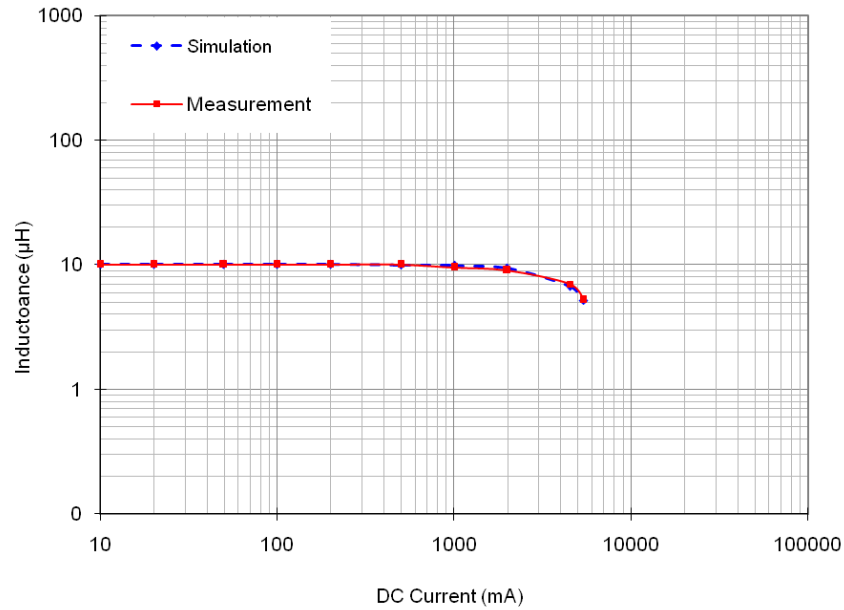


Evaluation circuit



Comparison Graph

Simulation result



Comparison table

I (mA)	L (μH)		%Error
	Measurement	Simulation	
10	10.000	10.000	0.00
20	10.000	10.000	0.00
50	10.000	10.000	0.00
100	10.000	9.998	-0.02
200	10.000	9.993	-0.07
500	10.000	9.959	-0.41
1000	9.500	9.835	3.53
2000	9.000	9.340	3.78
4500	7.000	6.659	-4.87
5400	5.200	5.189	-0.22