

Device Modeling Report

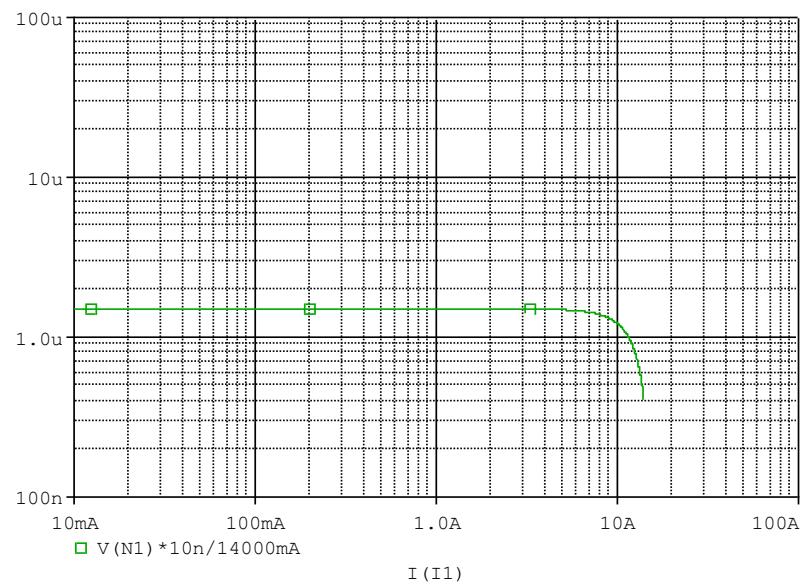
COMPONENTS: Inductance
PART NUMBER: LQH88PN1R5N38
MANUFACTURER: Murata Manufacturing Co., Ltd.
Remark: DC Model



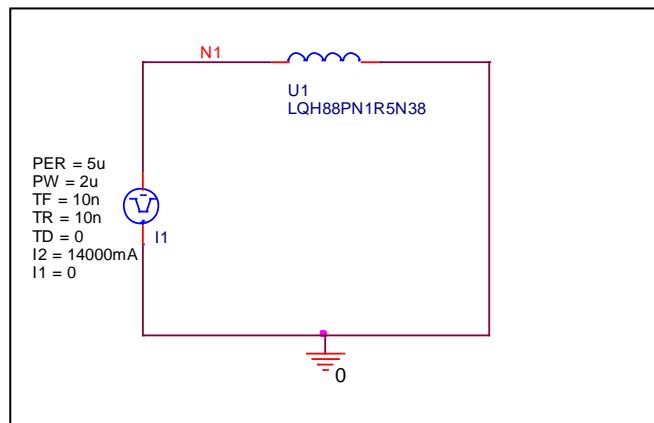
Bee Technologies Inc.

Inductance-Current Characteristics

Circuit Simulation result

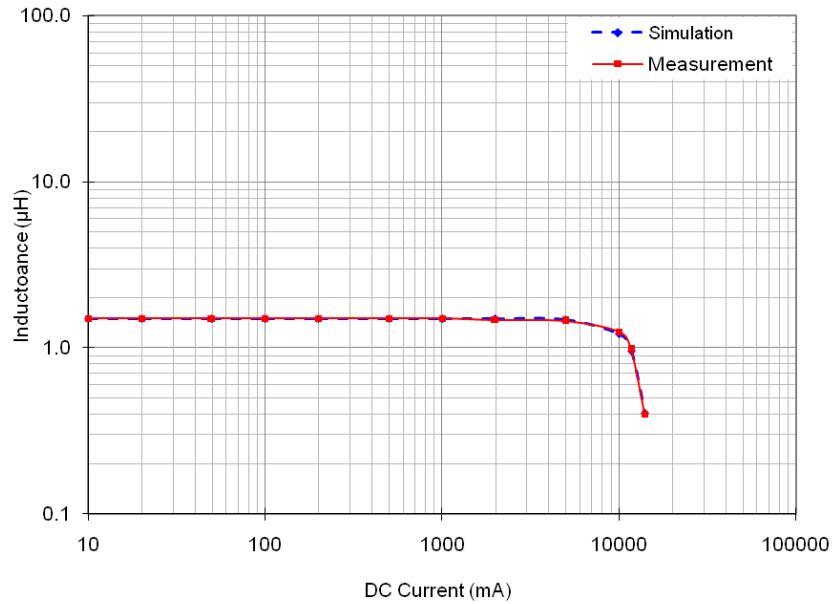


Evaluation circuit



Comparison Graph

Simulation result



Comparison table

I (mA)	L (μH)		%Error
	Measurement	Simulation	
10	1.500	1.500	0.00
100	1.500	1.500	0.00
200	1.500	1.500	0.00
500	1.500	1.500	0.00
1000	1.500	1.500	0.00
2000	1.475	1.499	1.63
5000	1.450	1.482	2.21
10000	1.250	1.215	-2.80
11750	0.975	0.956	-1.95
14000	0.400	0.405	1.25