

Device Modeling Report

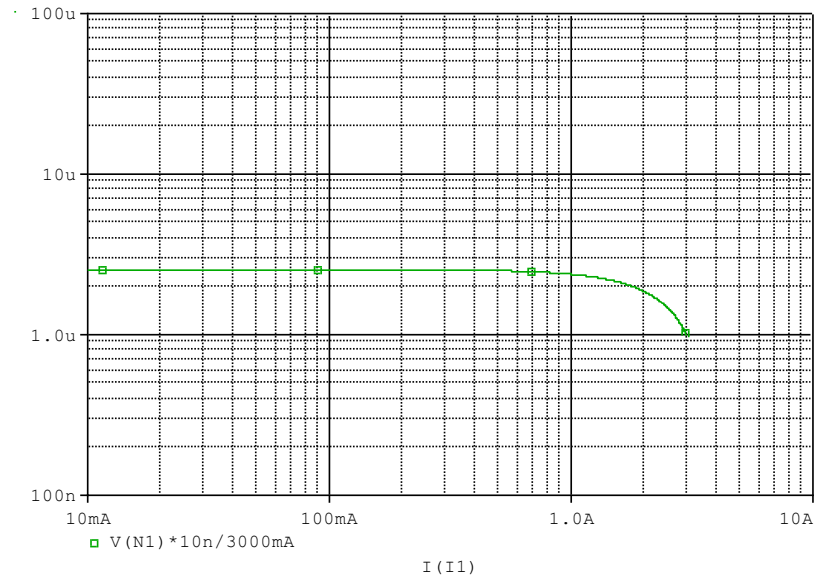
COMPONENTS: Inductance
PART NUMBER: LQH55PN2R2NR0
MANUFACTURER: Murata Manufacturing Co., Ltd.
Remark: DC Model



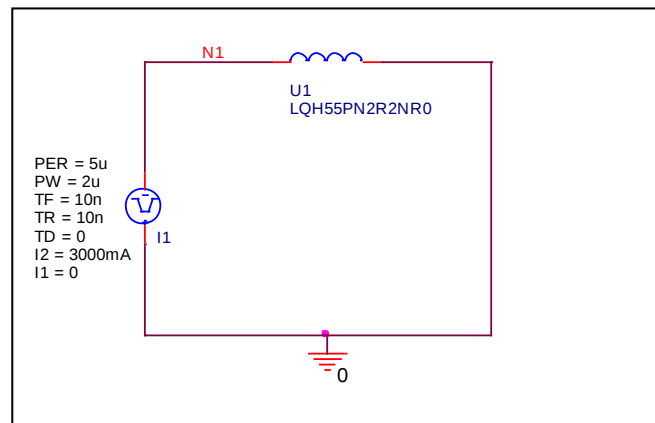
Bee Technologies Inc.

Inductance-Current Characteristics

Circuit Simulation result

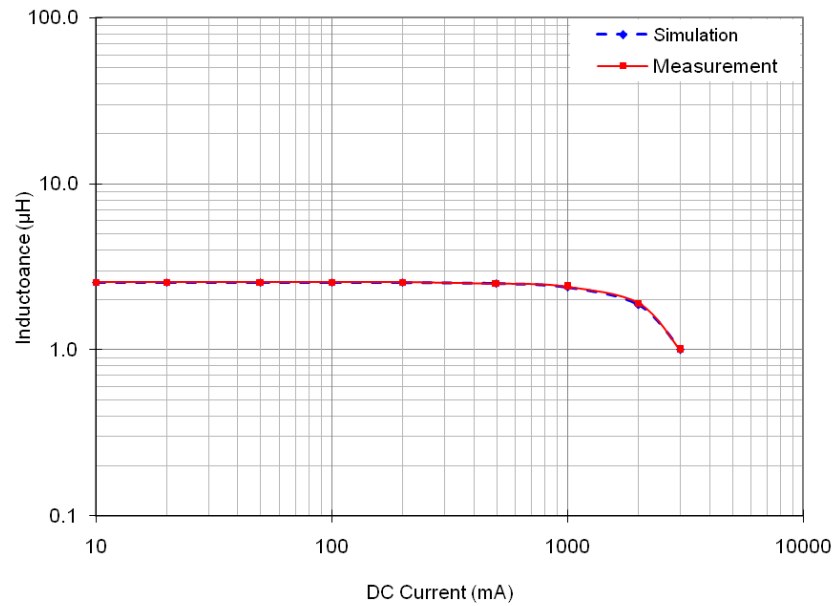


Evaluation circuit



Comparison Graph

Simulation result



Comparison table

I (mA)	L (μH)		%Error
	Measurement	Simulation	
10	2.550	2.550	0.00
20	2.550	2.550	0.00
50	2.550	2.550	-0.02
100	2.550	2.548	-0.07
200	2.550	2.543	-0.27
500	2.500	2.507	0.28
1000	2.400	2.378	-0.92
2000	1.900	1.862	-2.02
3000	1.000	1.001	0.12