

Device Modeling Report

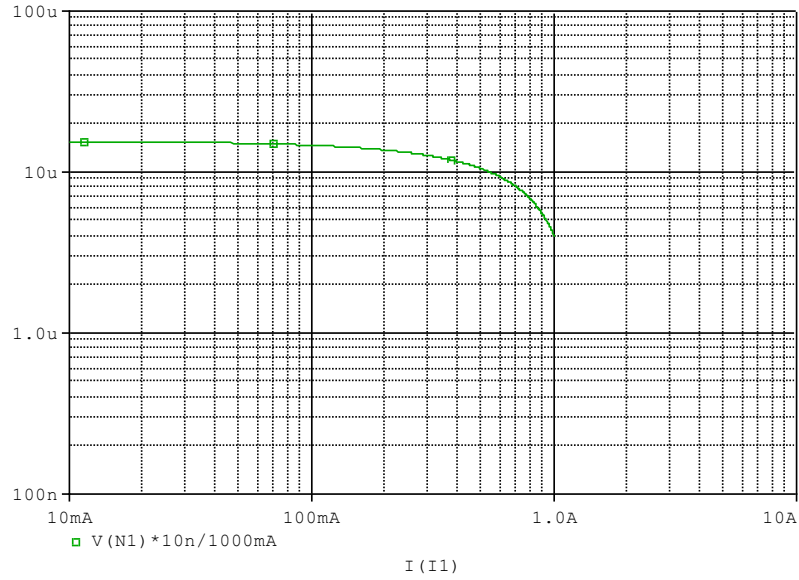
COMPONENTS: Inductor DC Model
PART NUMBER: LQH3NPN150NJ0
MANUFACTURER: Murata Manufacturing Co, Ltd.
Remark: DC Model



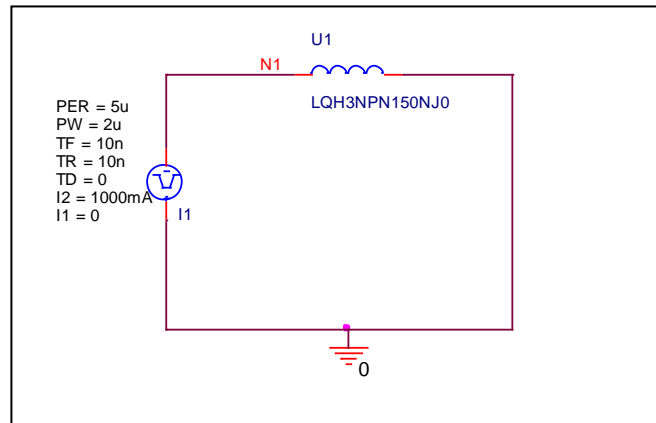
Bee Technologies Inc.

Inductance-Current Characteristics

Circuit Simulation result

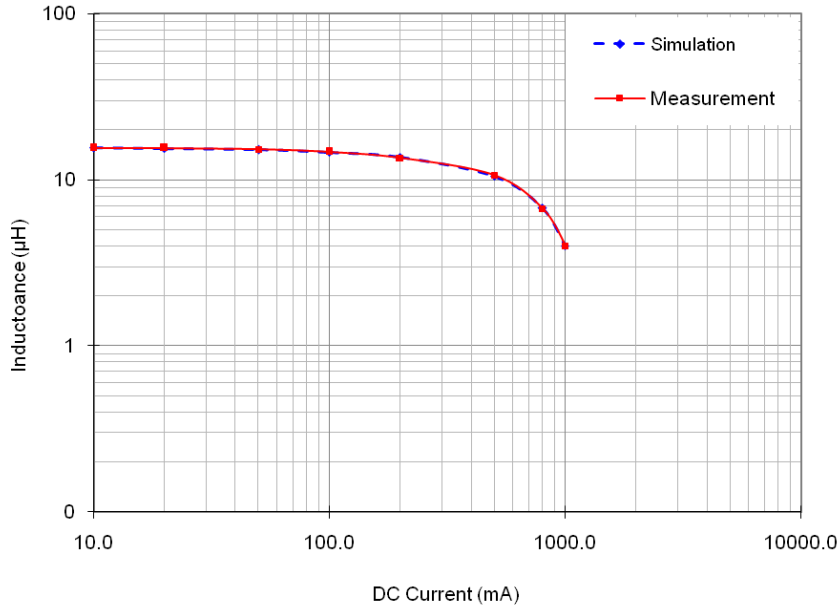


Evaluation circuit



Comparison Graph

Simulation result



Comparison table

I (mA)	L (µH)		%Error
	Measurement	Simulation	
10	15.500	15.474	-0.17
20	15.500	15.386	-0.74
50	15.200	15.121	-0.52
100	14.700	14.665	-0.24
200	13.500	13.712	1.57
500	10.650	10.502	-1.39
800	6.700	6.770	1.04
1000	4.000	3.991	-0.22