

Device Modeling Report

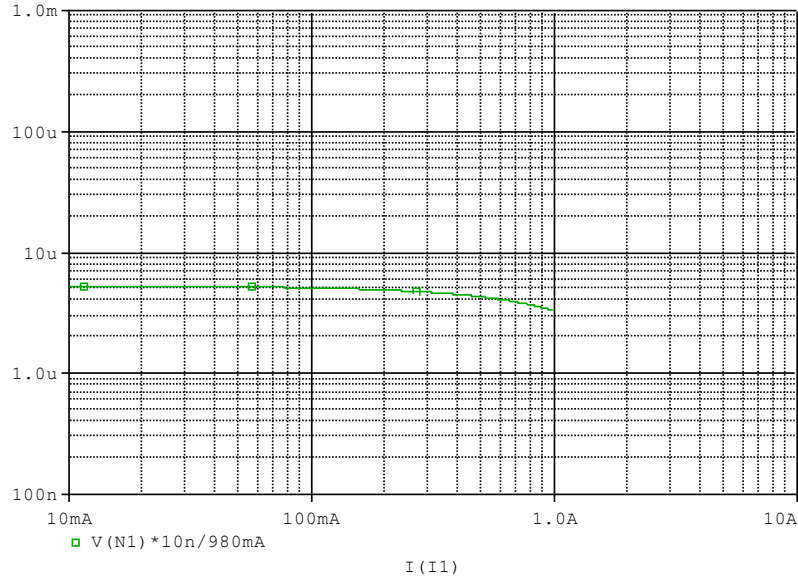
COMPONENTS: Inductor DC Model
PART NUMBER: LQH3NPN4R7NG0
MANUFACTURER: Murata Manufacturing Co, Ltd.
Remark: DC Model



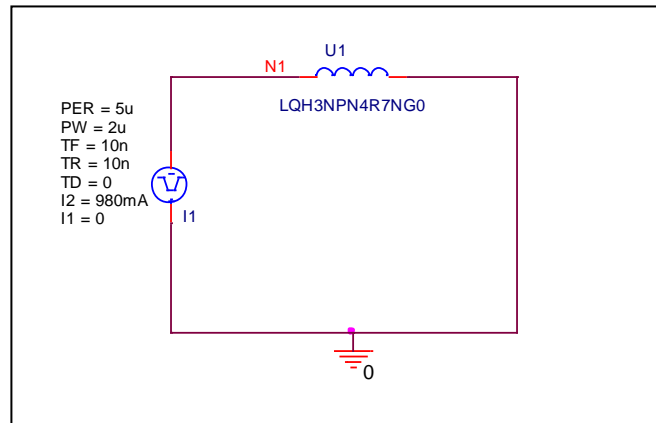
Bee Technologies Inc.

Inductance-Current Characteristics

Circuit Simulation result

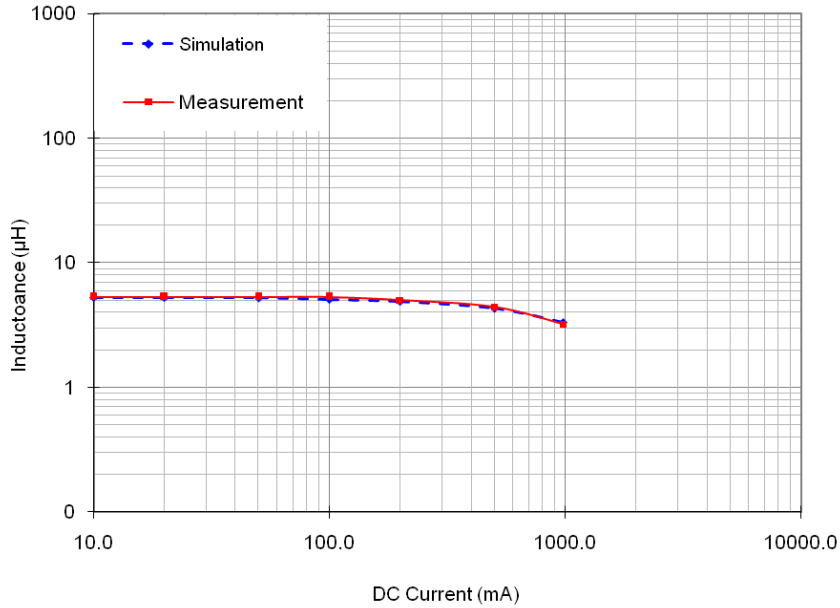


Evaluation circuit



Comparison Graph

Simulation result



Comparison table

I (mA)	L (µH)		%Error
	Measurement	Simulation	
10	5.300	5.280	-0.38
20	5.300	5.260	-0.76
50	5.300	5.199	-1.90
100	5.300	5.099	-3.79
200	5.000	4.898	-2.05
500	4.400	4.294	-2.40
980	3.200	3.329	4.03