

Device Modeling Report

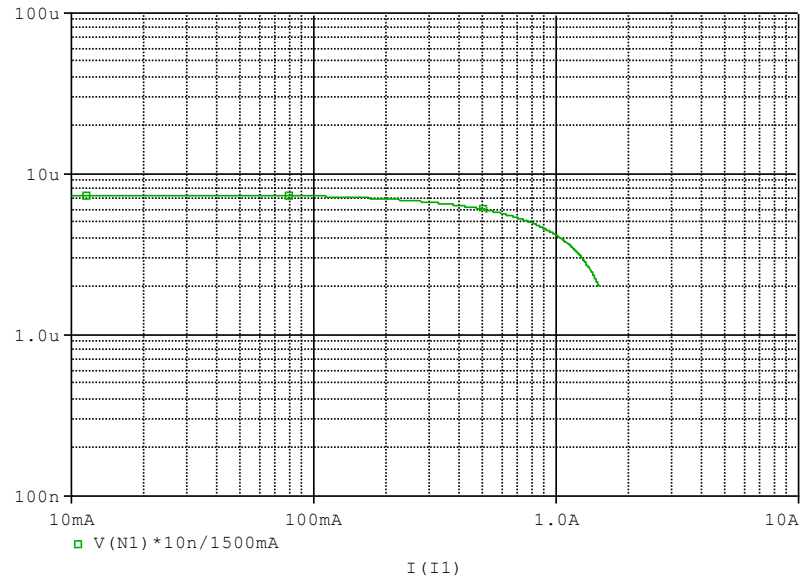
COMPONENTS: Inductor DC Model
PART NUMBER: LQH3NPN6R8NJ0
MANUFACTURER: Murata Manufacturing Co, Ltd.
Remark: DC Model



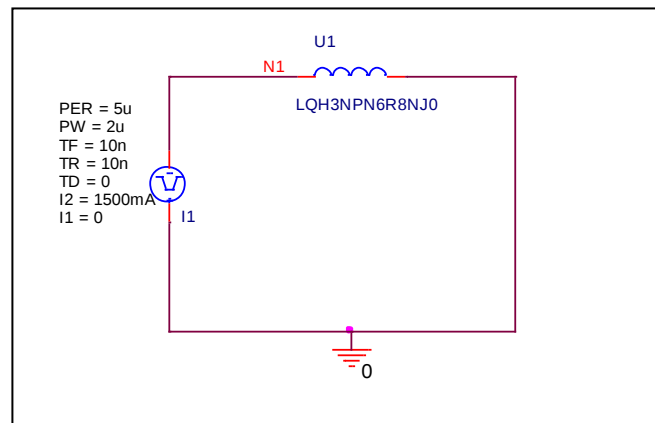
Bee Technologies Inc.

Inductance-Current Characteristics

Circuit Simulation result

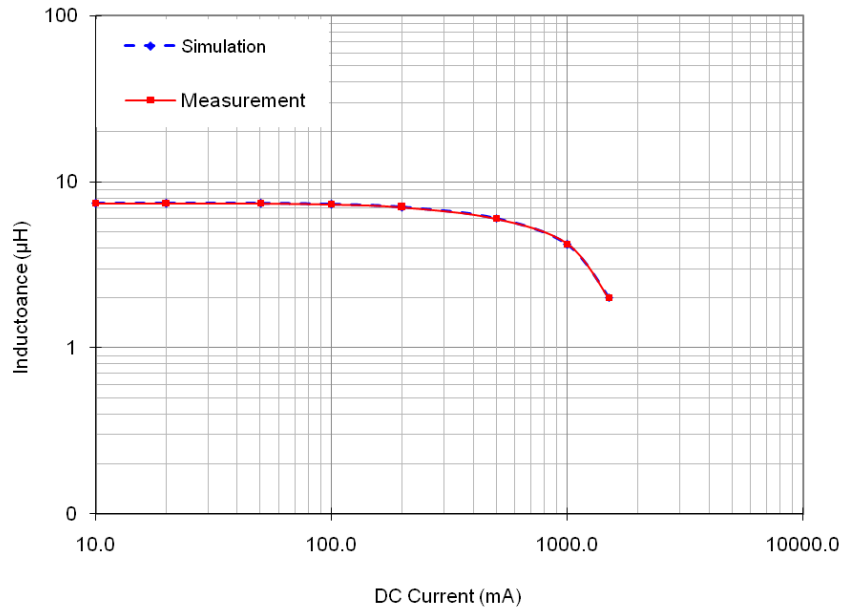


Evaluation circuit



Comparison Graph

Simulation result



Comparison table

I (mA)	L (μH)		%Error
	Measurement	Simulation	
10	7.400	7.400	0.00
20	7.400	7.400	0.00
50	7.400	7.400	0.00
100	7.300	7.292	-0.11
200	7.000	6.995	-0.07
500	6.000	6.031	0.52
1000	4.200	4.176	-0.58
1500	2.000	2.010	0.50