

Device Modeling Report

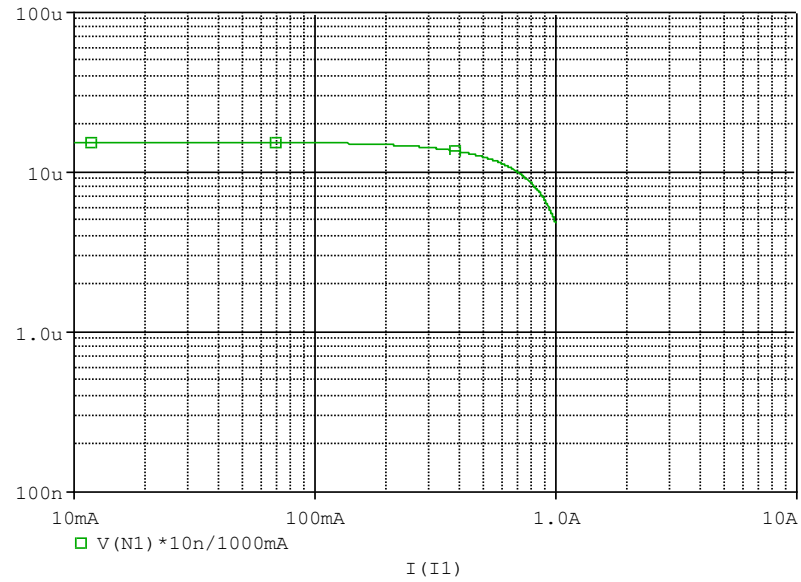
COMPONENTS: Inductance
PART NUMBER: LQH44PN150MJ0
MANUFACTURER: Murata Manufacturing Co., Ltd.
Remark: DC Model



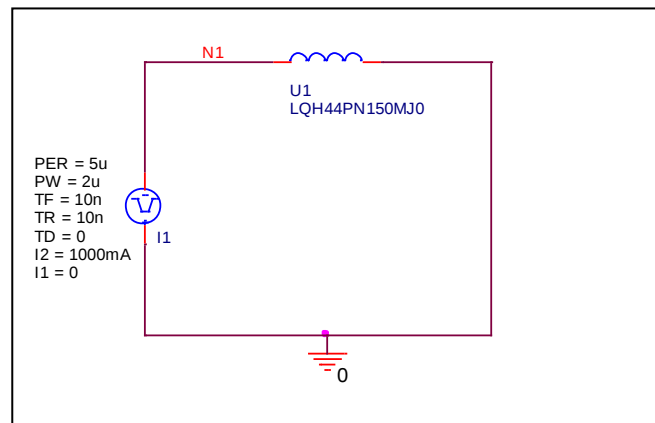
Bee Technologies Inc.

Inductance-Current Characteristics

Circuit Simulation result

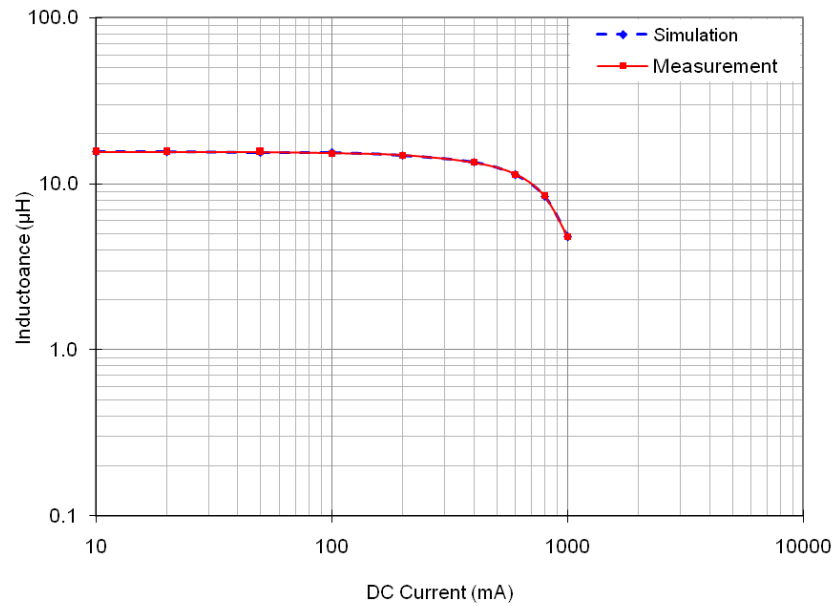


Evaluation circuit



Comparison Graph

Simulation result



Comparison table

I (mA)	L (μH)		%Error
	Measurement	Simulation	
10	15.500	15.500	0.00
20	15.500	15.500	0.00
50	15.500	15.437	-0.41
100	15.250	15.291	0.27
200	14.800	14.861	0.41
400	13.450	13.447	-0.02
600	11.400	11.295	-0.92
800	8.450	8.404	-0.54
1000	4.800	4.775	-0.52