

Device Modeling Report

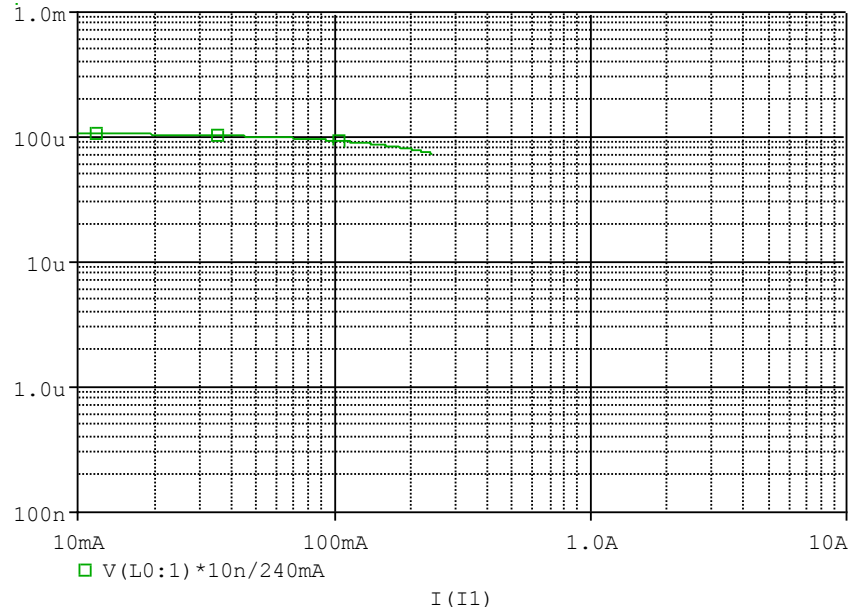
COMPONENTS: Inductance
PART NUMBER: LQH3NPN101MM0
MANUFACTURER: Murata Manufacturing Co., Ltd.
Remark: DC Model



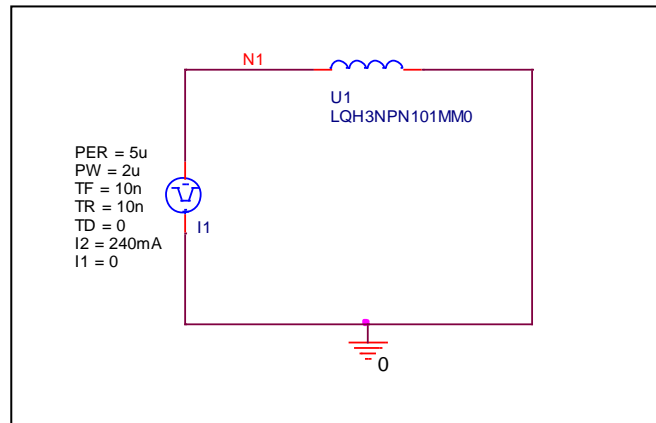
Bee Technologies Inc.

Inductance-Current Characteristics

Circuit Simulation result

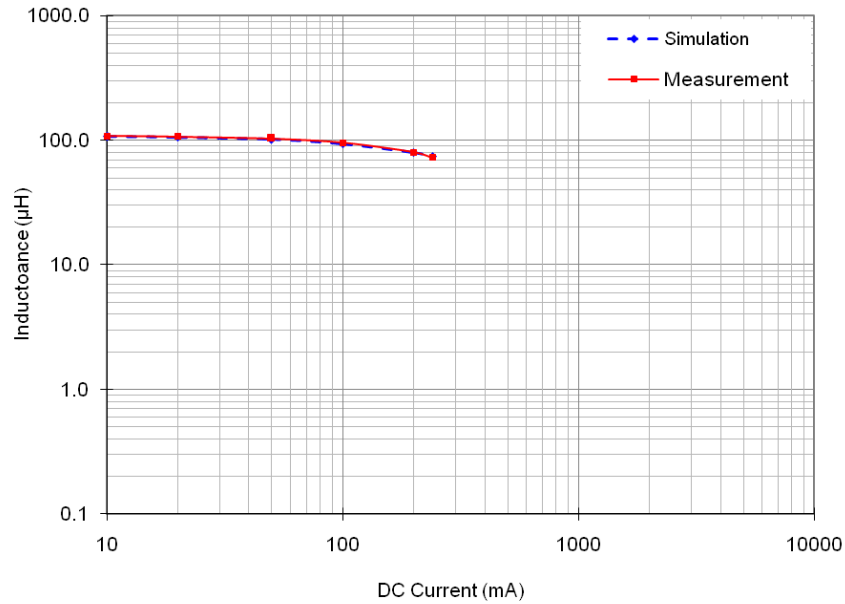


Evaluation circuit



Comparison Graph

Simulation result



Comparison table

I (mA)	L (µH)		%Error
	Measurement	Simulation	
10	108.000	106.598	-1.30
20	107.000	105.195	-1.69
50	103.000	100.987	-1.95
100	95.000	93.975	-1.08
200	80.000	79.949	-0.06
240	72.500	74.339	2.54