

Device Modeling Report

COMPONENTS: Inductance

PART NUMBER: LQH2MCN4R7M52

MANUFACTURER: Murata Manufacturing Co., Ltd.

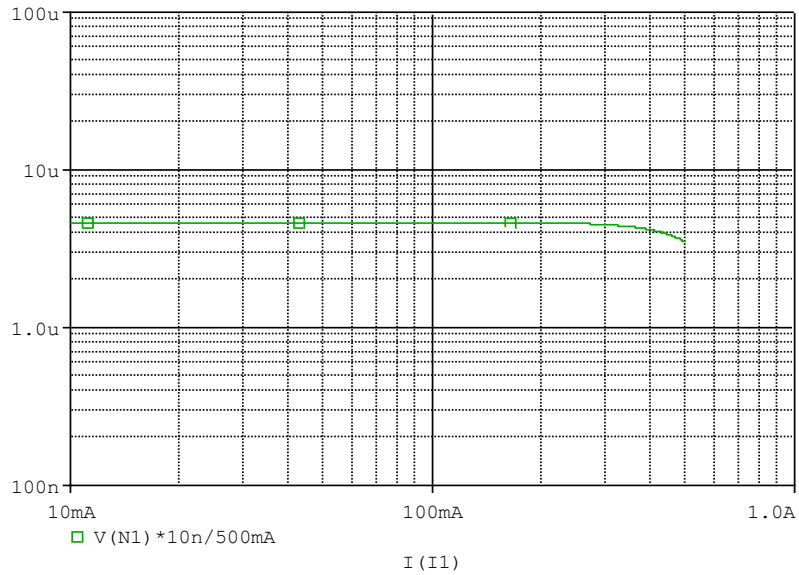
Remark: DC Model



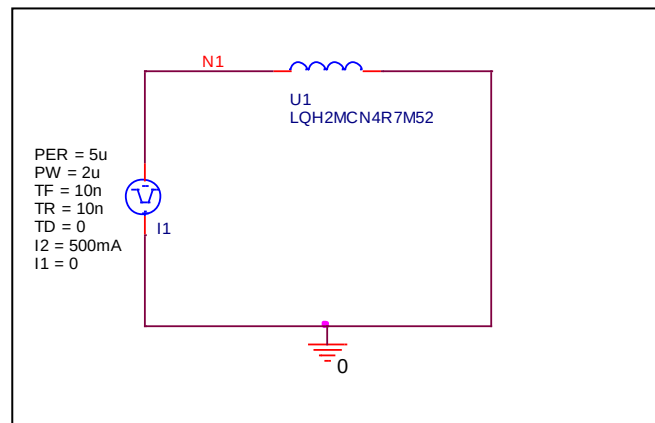
Bee Technologies Inc.

Inductance-Current Characteristics

Circuit Simulation result

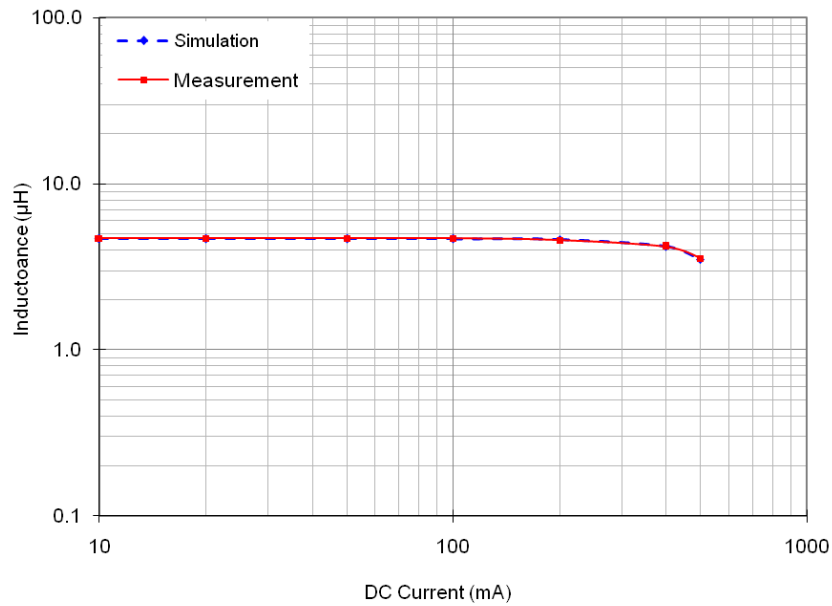


Evaluation circuit



Comparison Graph

Simulation result



Comparison table

I (mA)	L (μH)		%Error
	Measurement	Simulation	
10	4.700	4.650	-1.06
20	4.700	4.650	-1.06
50	4.700	4.650	-1.06
100	4.675	4.650	-0.53
200	4.575	4.624	1.07
400	4.185	4.181	-0.09
500	3.550	3.497	-1.50