

Device Modeling Report

COMPONENTS: Inductance

PART NUMBER: LQM21PN2R2MC0

MANUFACTURER: Murata Manufacturing Co., Ltd.

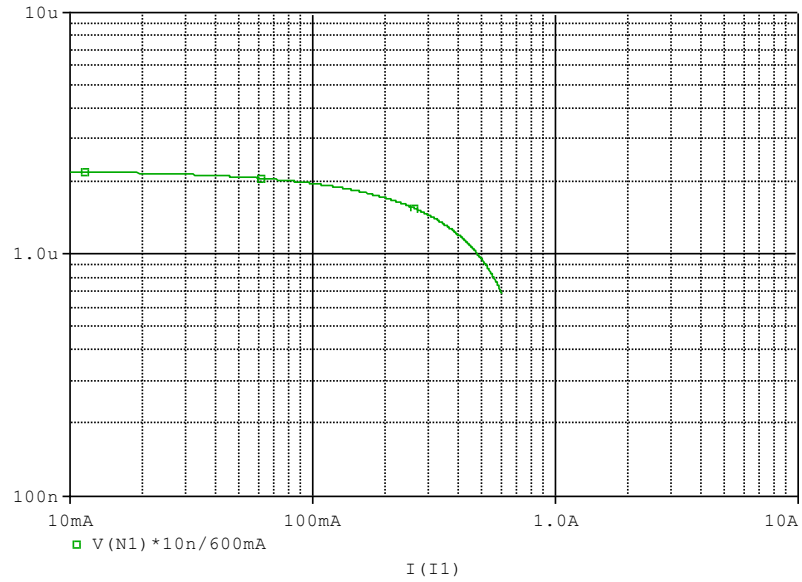
Remark: DC Model



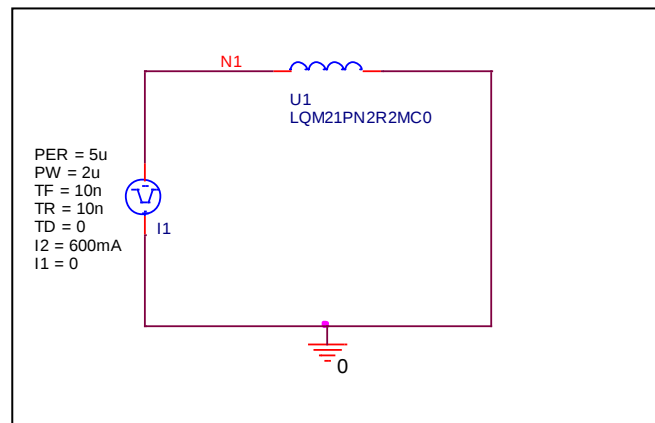
Bee Technologies Inc.

Inductance-Current Characteristics

Circuit Simulation result

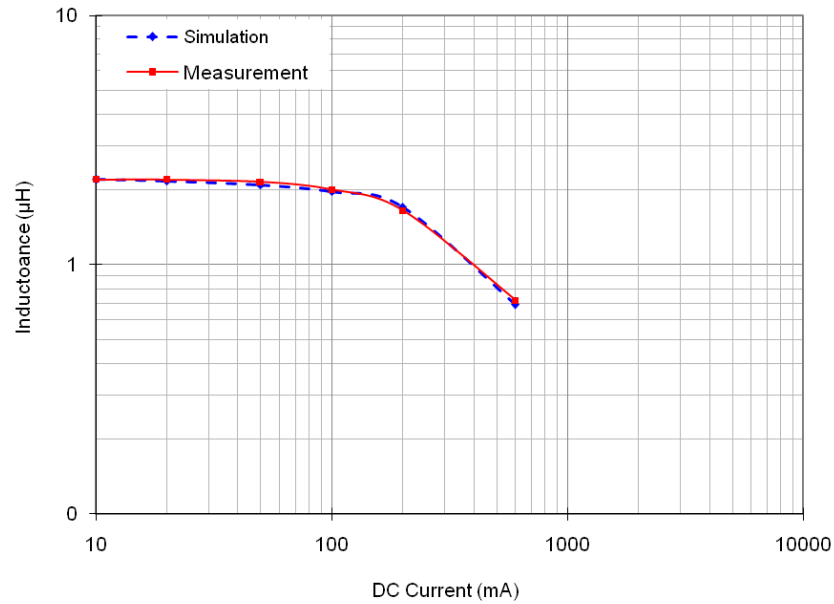


Evaluation circuit



Comparison Graph

Simulation result



Comparison table

I (mA)	L (μH)		%Error
	Measurement	Simulation	
10	2.200	2.195	-0.25
20	2.200	2.169	-1.40
50	2.150	2.093	-2.67
100	2.000	1.965	-1.74
200	1.650	1.711	3.67
600	0.720	0.692	-3.94