

Device Modeling Report

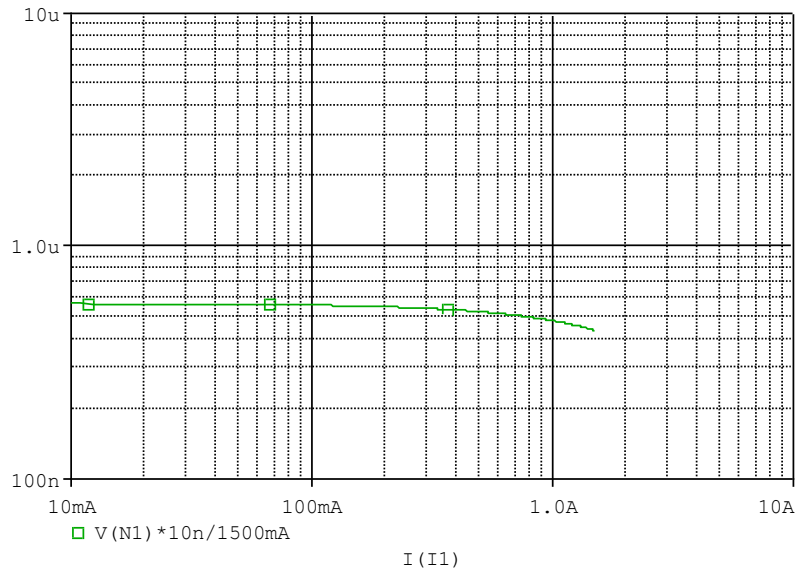
COMPONENTS: Inductance
PART NUMBER: LQM2HPNR56ME0
MANUFACTURER: Murata Manufacturing Co., Ltd.
Remark: DC Model



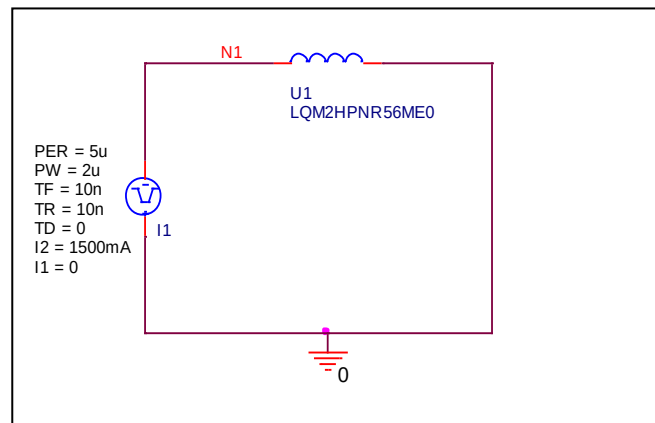
Bee Technologies Inc.

Inductance-Current Characteristics

Circuit Simulation result

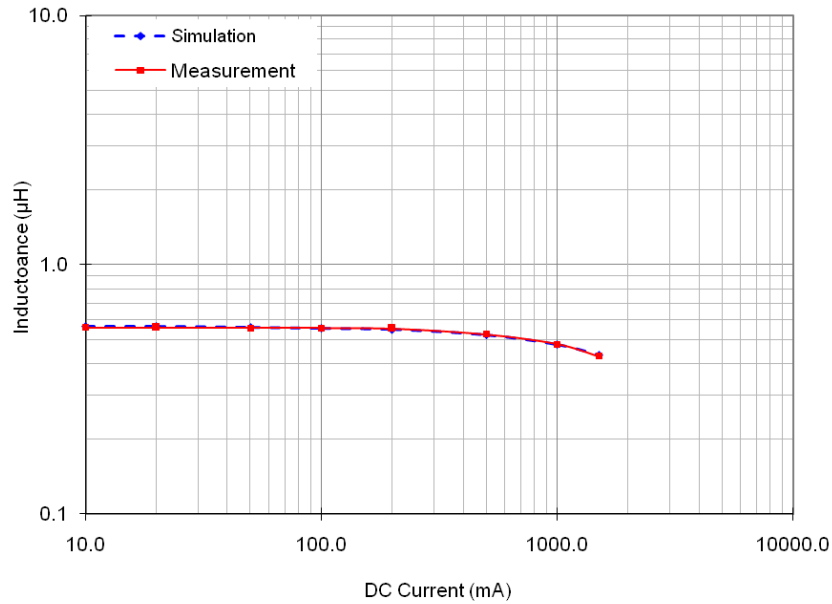


Evaluation circuit



Comparison Graph

Simulation result



Comparison table

I (mA)	L (μH)		%Error
	Measurement	Simulation	
10	0.560	0.566	1.07
20	0.559	0.565	1.07
50	0.558	0.563	0.90
100	0.557	0.558	0.18
200	0.554	0.549	-0.90
500	0.527	0.523	-0.76
1000	0.480	0.478	-0.42
1500	0.430	0.434	0.93