

Device Modeling Report

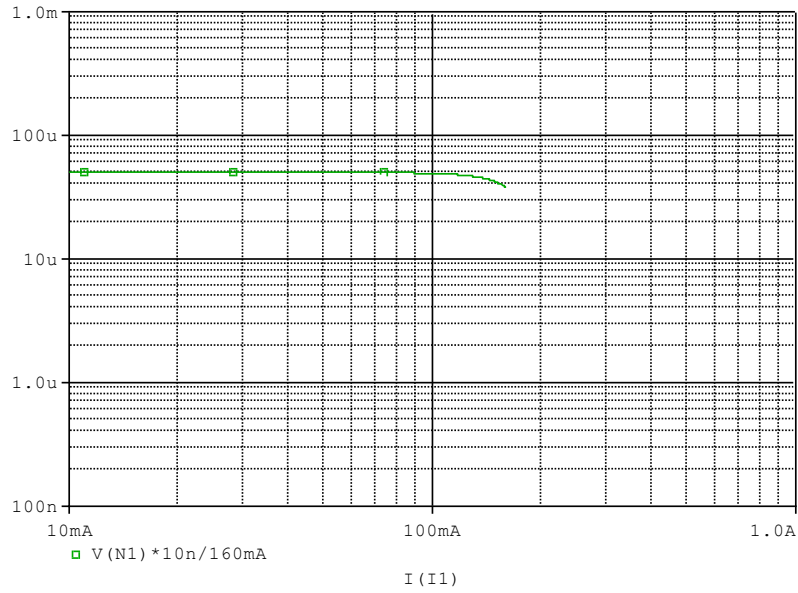
COMPONENTS: Inductor DC Model
PART NUMBER: LQH2MCN470K02
MANUFACTURER: Murata Manufacturing Co, Ltd.
Remark: DC Model



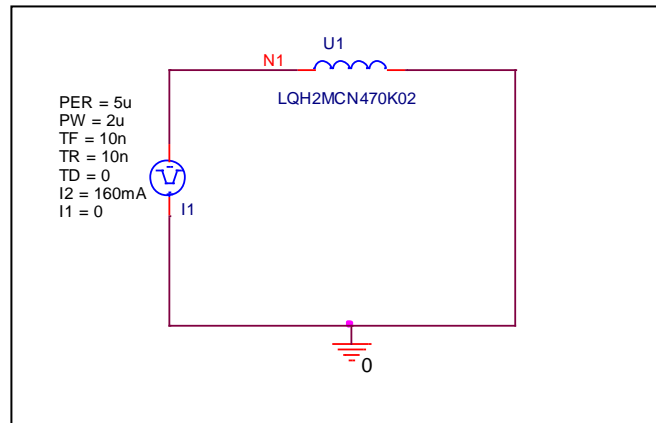
Bee Technologies Inc.

Inductance-Current Characteristics

Circuit Simulation result

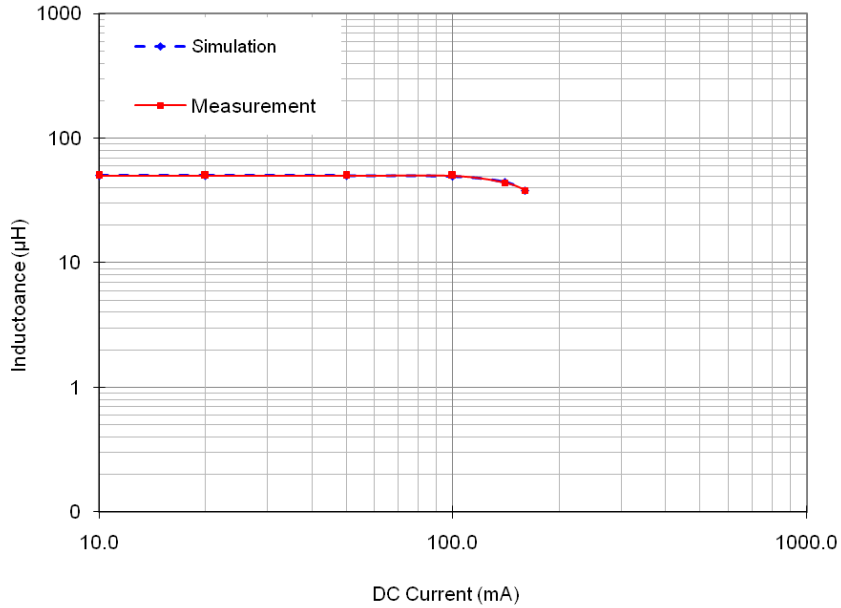


Evaluation circuit



Comparison Graph

Simulation result



Comparison table

I (mA)	L (µH)		%Error
	Measurement	Simulation	
10	50.000	50.003	0.01
20	50.000	50.006	0.01
50	50.000	50.005	0.01
100	50.000	49.316	-1.37
140	44.000	44.655	1.49
160	38.000	38.043	0.11