

Device Modeling Report

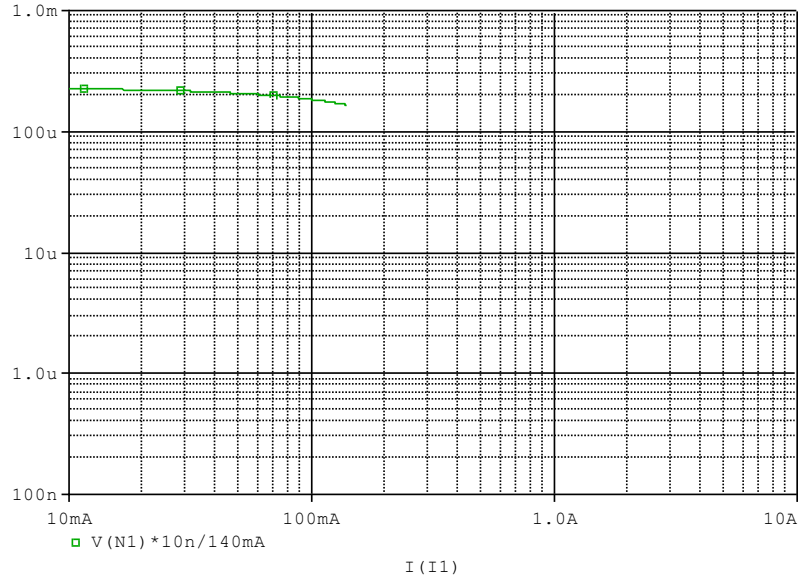
COMPONENTS: Inductor DC Model
PART NUMBER: LQH3NPN251MG0
MANUFACTURER: Murata Manufacturing Co, Ltd.
Remark: DC Model



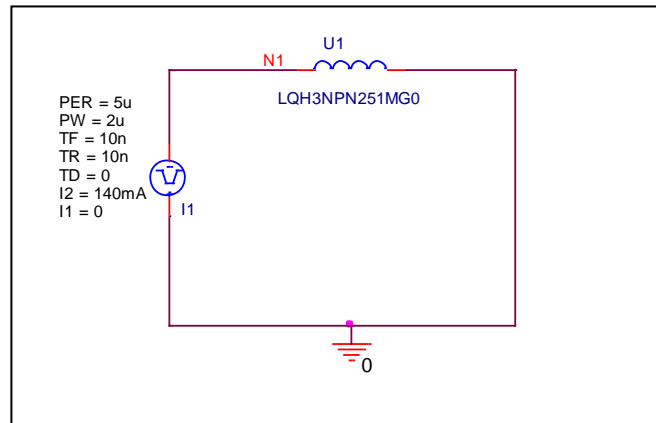
Bee Technologies Inc.

Inductance-Current Characteristics

Circuit Simulation result

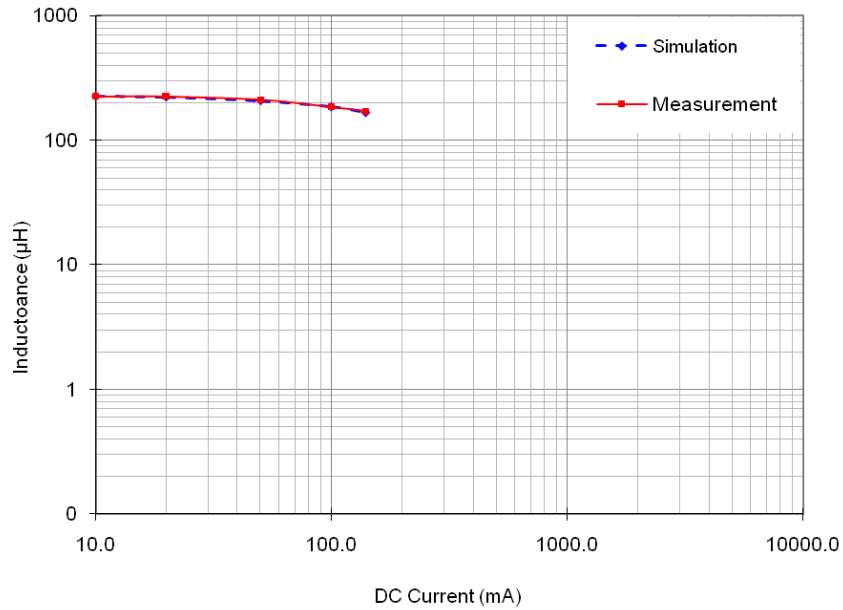


Evaluation circuit



Comparison Graph

Simulation result



Comparison table

I (mA)	L (µH)		%Error
	Measurement	Simulation	
10	225.000	225.411	0.18
20	225.000	220.821	-1.86
50	210.000	207.054	-1.40
100	185.000	184.107	-0.48
140	170.000	165.750	-2.50