

Device Modeling Report

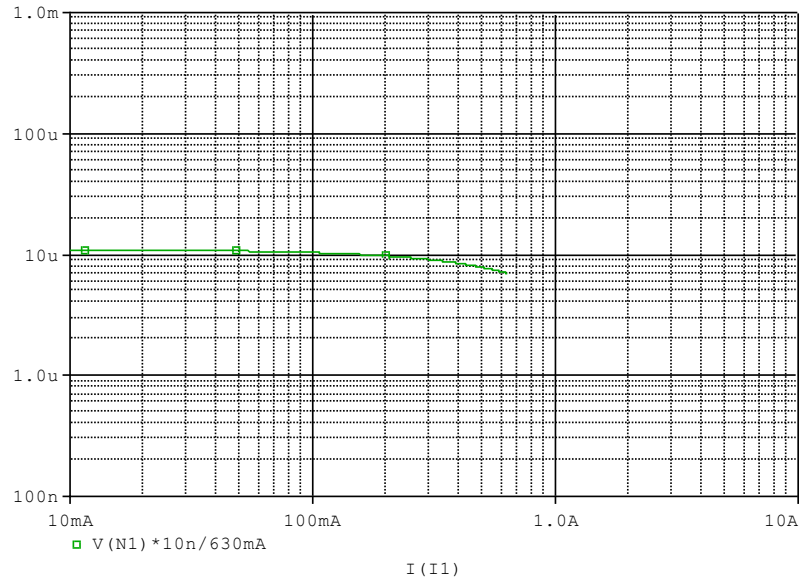
COMPONENTS: Inductor DC Model
PART NUMBER: LQH3NPN100NG0
MANUFACTURER: Murata Manufacturing Co, Ltd.
Remark: DC Model



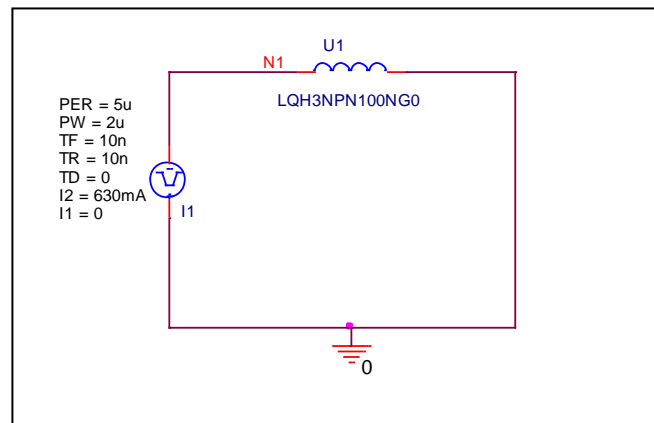
Bee Technologies Inc.

Inductance-Current Characteristics

Circuit Simulation result

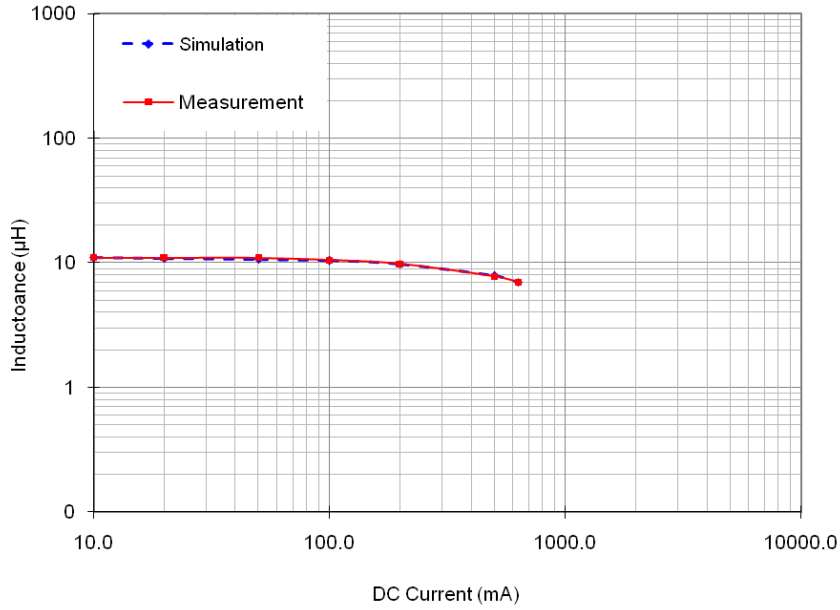


Evaluation circuit



Comparison Graph

Simulation result



Comparison table

I (mA)	L (µH)		%Error
	Measurement	Simulation	
10	11.000	10.936	-0.58
20	11.000	10.873	-1.15
50	11.000	10.682	-2.89
100	10.500	10.363	-1.30
200	9.800	9.726	-0.76
500	7.800	7.815	0.19
630	7.000	6.986	-0.20