

Device Modeling Report

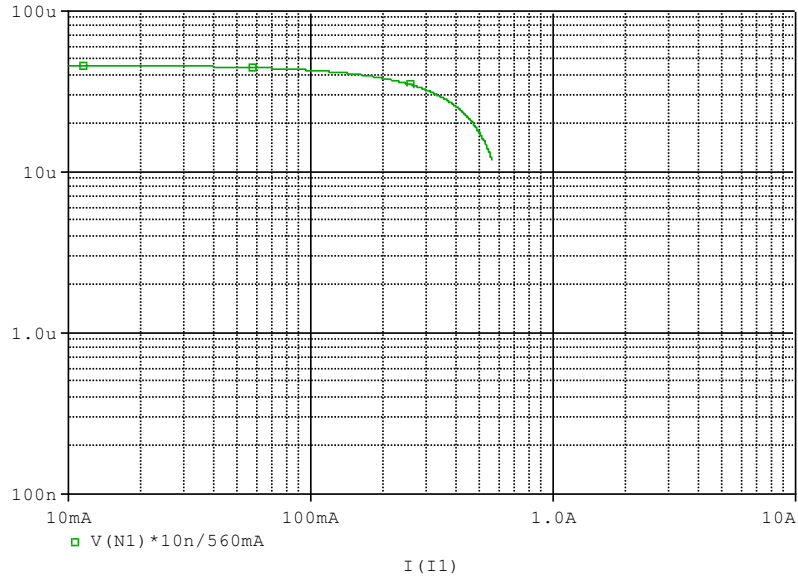
COMPONENTS: Inductor DC Model
PART NUMBER: LQH3NPN470MJ0
MANUFACTURER: Muarata Manufacturing Co, Ltd.
Remark: DC Model



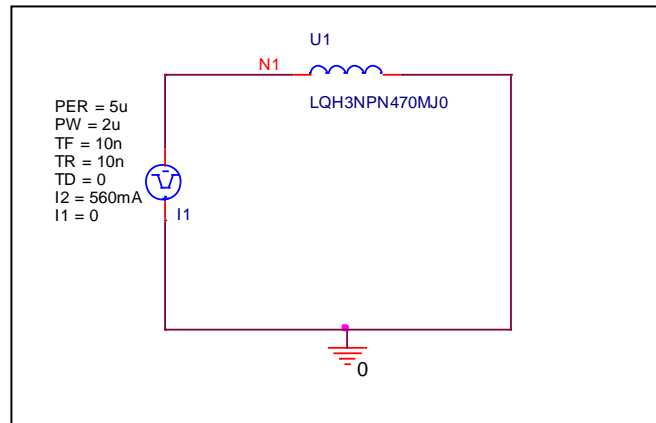
Bee Technologies Inc.

Inductance-Current Characteristics

Circuit Simulation result

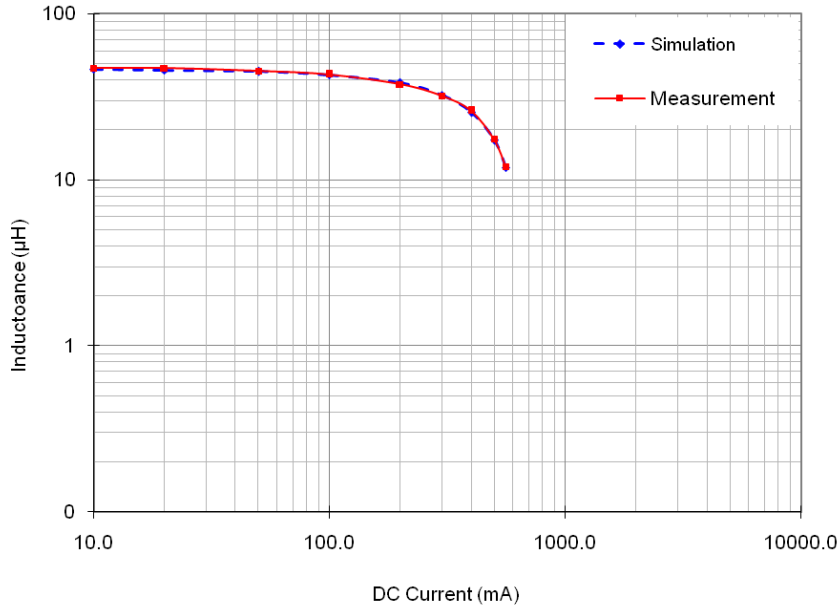


Evaluation circuit



Comparison Graph

Simulation result



Comparison table

I (mA)	L (µH)		%Error
	Measurement	Simulation	
10	47.000	46.123	-1.87
20	47.000	45.805	-2.54
50	45.000	44.785	-0.48
100	43.000	42.858	-0.33
200	37.500	38.156	1.75
300	32.000	32.324	1.01
400	26.000	25.361	-2.46
500	17.500	17.268	-1.33
560	12.000	11.869	-1.09