

Device Modeling Report

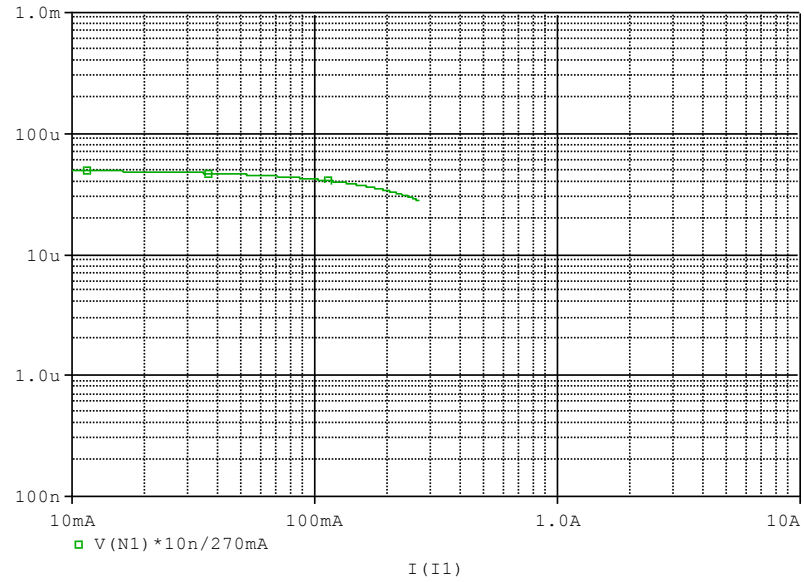
COMPONENTS: Inductor DC Model
PART NUMBER: LQH3NPN470MG0
MANUFACTURER: MurataManufacturing Co, Ltd.
Remark: DC Model



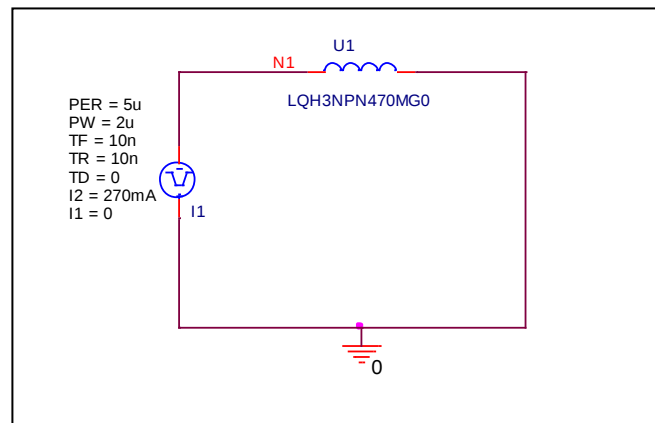
Bee Technologies Inc.

Inductance-Current Characteristics

Circuit Simulation result

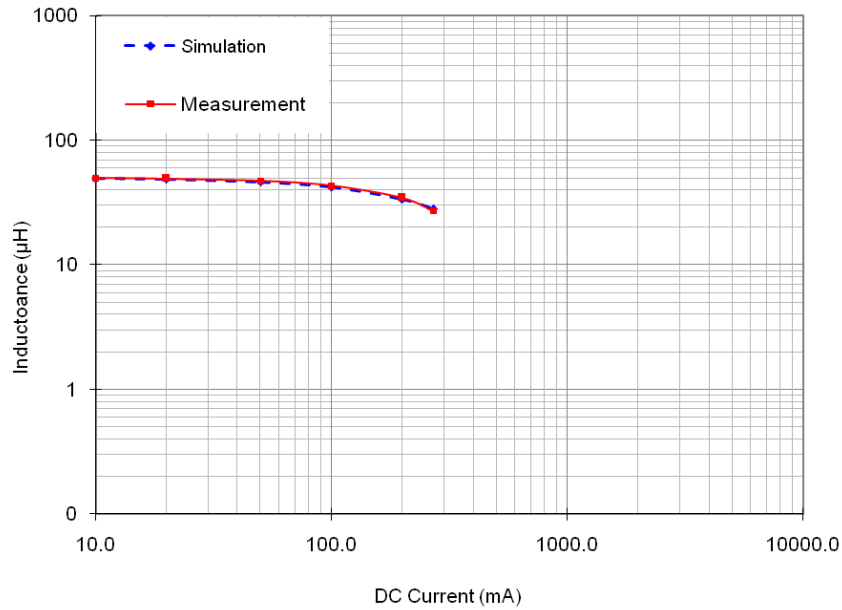


Evaluation circuit



Comparison Graph

Simulation result



Comparison table

I (mA)	L (μH)		%Error
	Measurement	Simulation	
10	49.500	49.176	-0.65
20	49.000	48.362	-1.30
50	47.000	45.906	-2.33
100	43.000	41.811	-2.77
200	34.500	33.622	-2.54
270	27.000	27.890	3.30