

Device Modeling Report

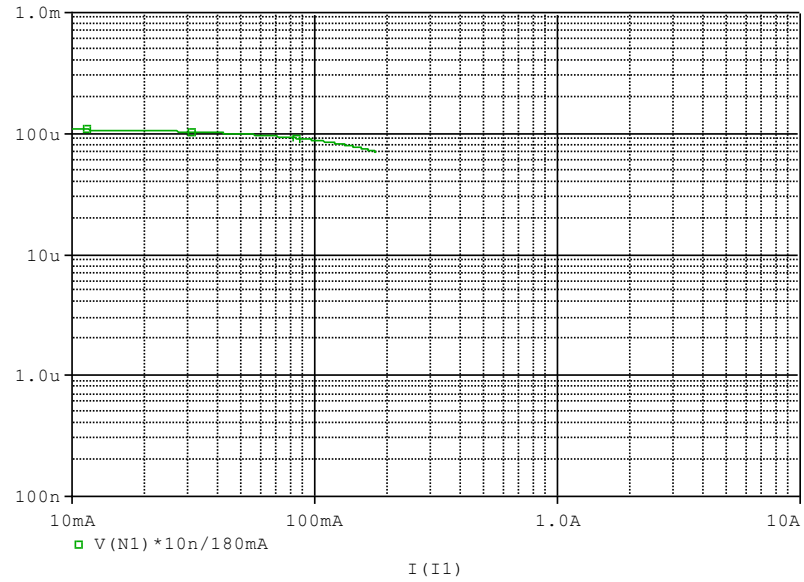
COMPONENTS: Inductor DC Model
PART NUMBER: LQH3NPN101MG0
MANUFACTURER: MurataManufacturing Co, Ltd.
Remark: DC Model



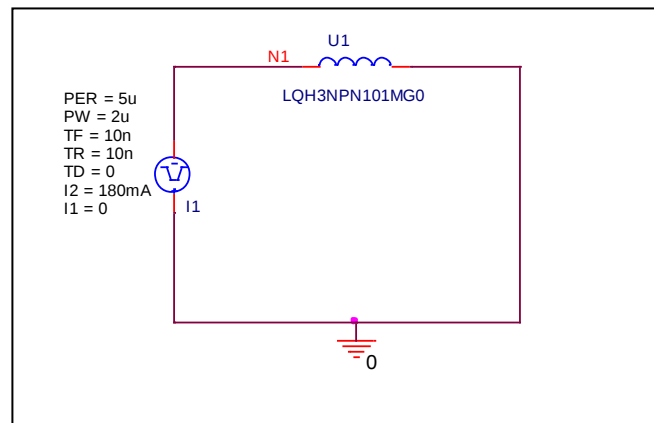
Bee Technologies Inc.

Inductance-Current Characteristics

Circuit Simulation result

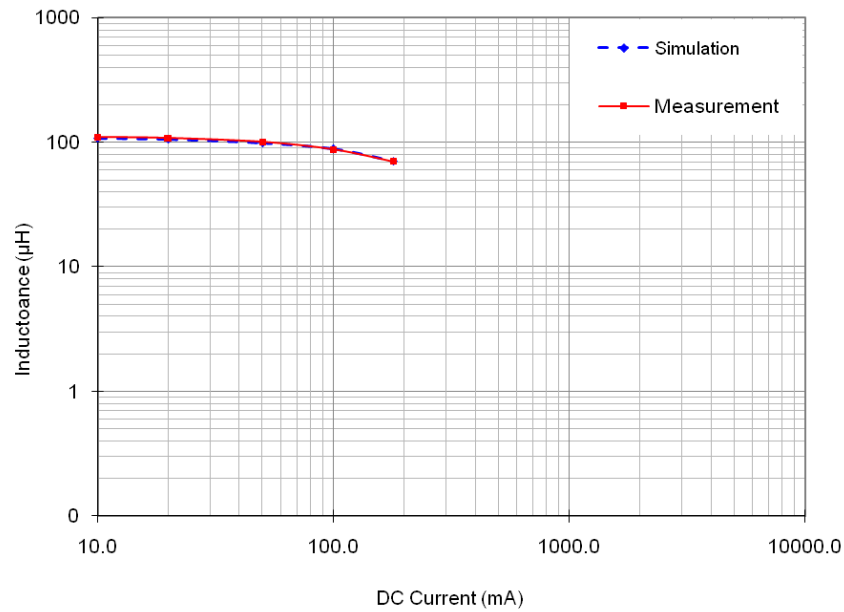


Evaluation circuit



Comparison Graph

Simulation result



Comparison table

I (mA)	L (μH)		%Error
	Measurement	Simulation	
10	110.000	107.804	-2.00
20	108.000	105.609	-2.21
50	100.000	99.022	-0.98
100	87.000	88.044	1.20
180	70.000	70.480	0.69