

Device Modeling Report

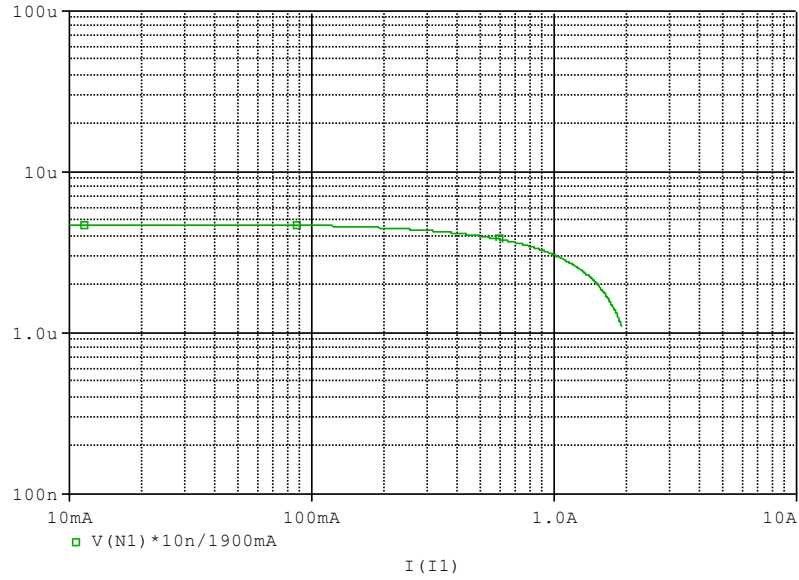
COMPONENTS: Inductor DC Model
PART NUMBER: LQH3NPN4R7NJ0
MANUFACTURER: Murata Manufacturing Co, Ltd.
Remark: DC Model



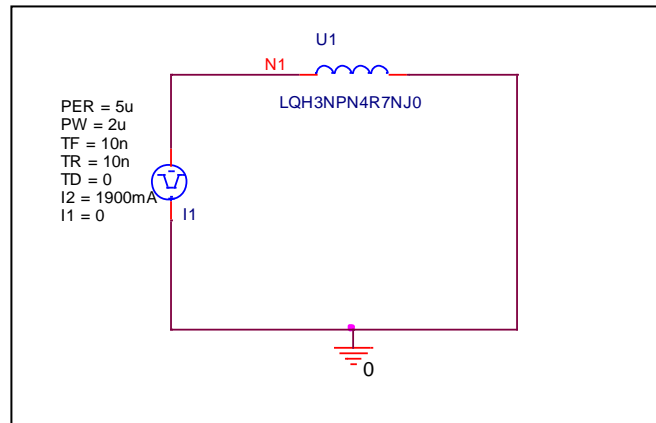
Bee Technologies Inc.

Inductance-Current Characteristics

Circuit Simulation result

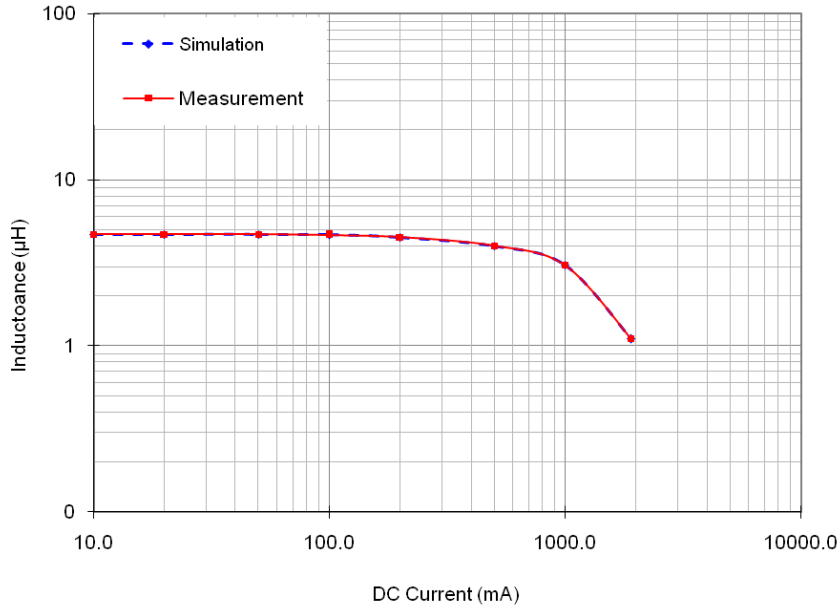


Evaluation circuit



Comparison Graph

Simulation result



Comparison table

I (mA)	L (µH)		%Error
	Measurement	Simulation	
10	4.700	4.700	0.00
20	4.700	4.700	0.00
50	4.700	4.700	0.00
100	4.650	4.657	0.15
200	4.500	4.497	-0.07
500	4.000	3.990	-0.24
1000	3.050	3.057	0.24
1900	1.100	1.099	-0.13