

# Device Modeling Report

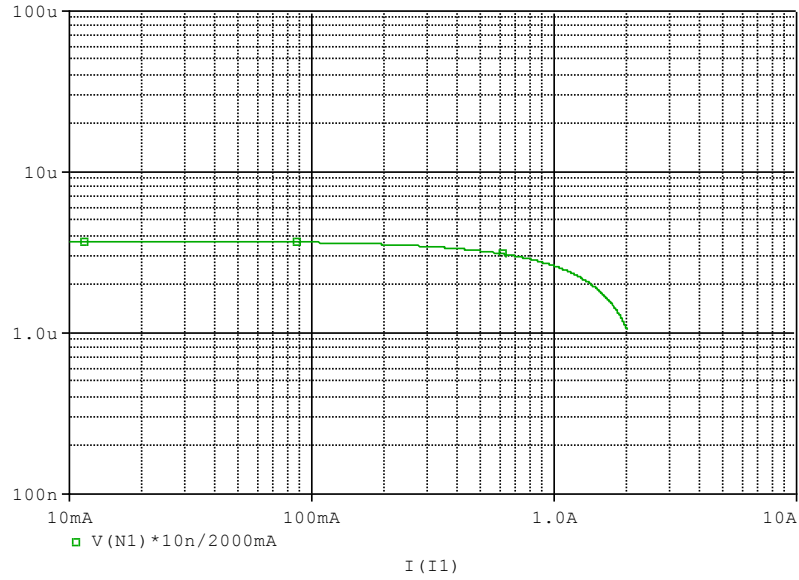
COMPONENTS: Inductor DC Model  
PART NUMBER: LQH3NPN3R3NJ0  
MANUFACTURER: Murata Manufacturing Co, Ltd.  
Remark: DC Model



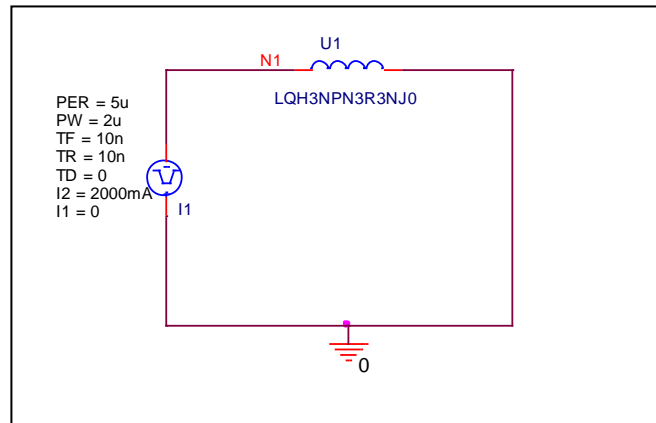
**Bee Technologies Inc.**

# Inductance-Current Characteristics

## Circuit Simulation result

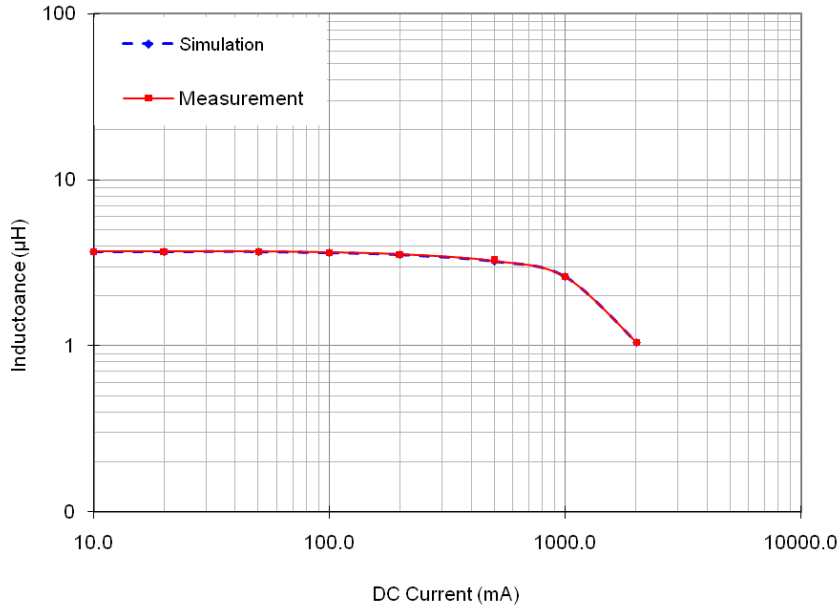


## Evaluation circuit



# Comparison Graph

## Simulation result



## Comparison table

I (mA)	L (µH)		%Error
	Measurement	Simulation	
10	3.700	3.700	0.00
20	3.700	3.700	0.00
50	3.700	3.700	0.00
100	3.650	3.654	0.10
200	3.550	3.555	0.14
500	3.250	3.233	-0.54
1000	2.600	2.611	0.41
2000	1.050	1.048	-0.15