

# Device Modeling Report

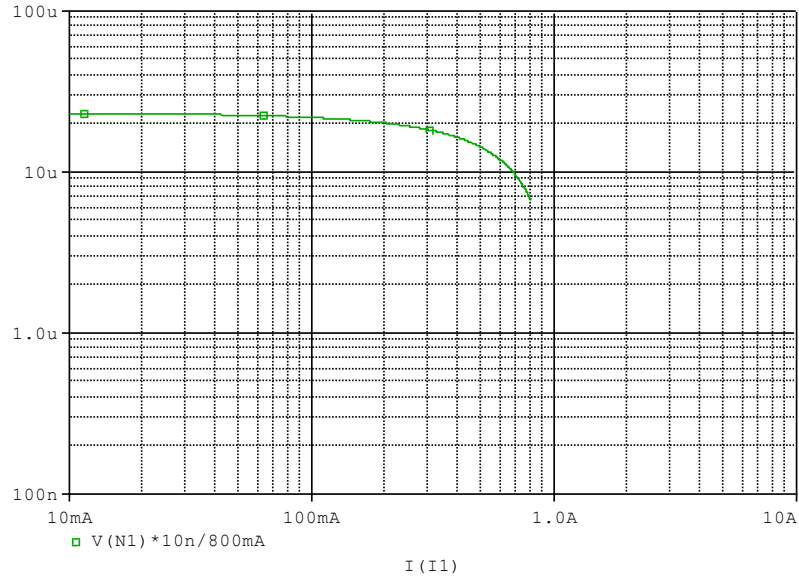
COMPONENTS: Inductor DC Model  
PART NUMBER: LQH3NPN220NJ0  
MANUFACTURER: Murata Manufacturing Co, Ltd.  
Remark: DC Model



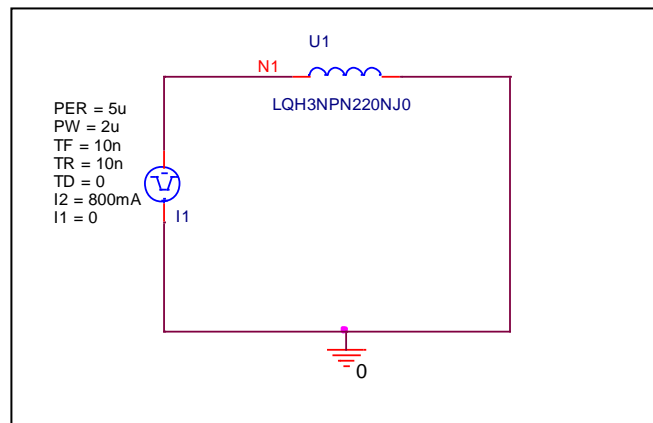
**Bee Technologies Inc.**

# Inductance-Current Characteristics

## Circuit Simulation result

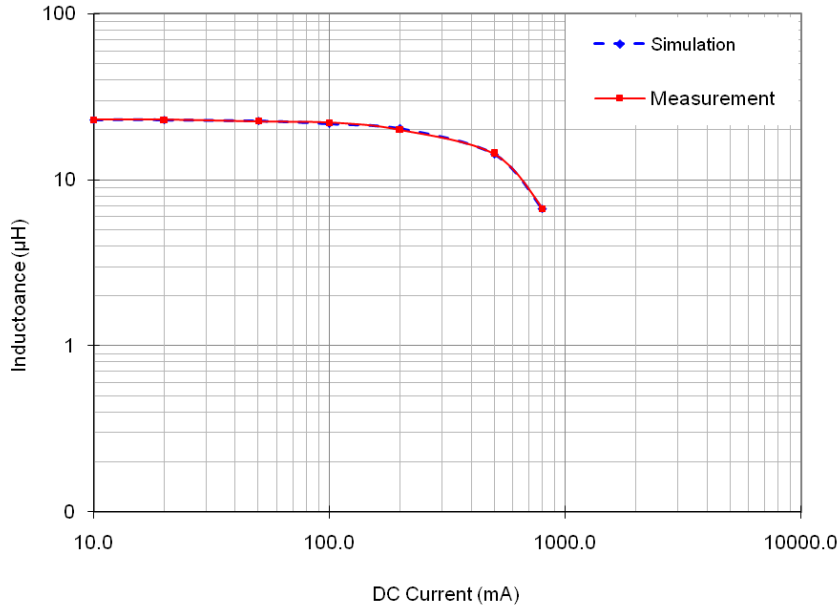


## Evaluation circuit



# Comparison Graph

## Simulation result



## Comparison table

I (mA)	L (µH)		%Error
	Measurement	Simulation	
10	23.000	23.000	0.00
20	23.000	22.993	-0.03
50	22.500	22.563	0.28
100	22.000	21.812	-0.85
200	20.000	20.179	0.89
500	14.300	14.235	-0.45
800	6.700	6.725	0.37