

# Device Modeling Report

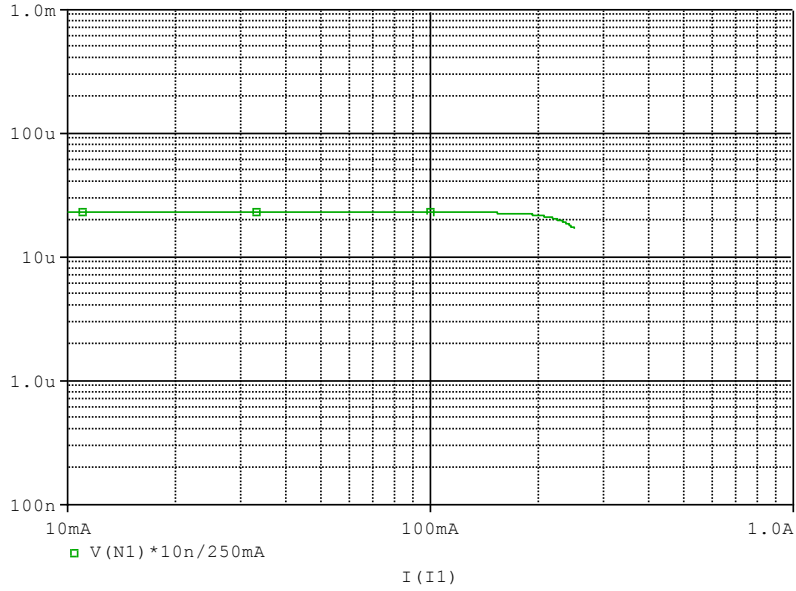
COMPONENTS: Inductor DC Model  
PART NUMBER: LQH2MCN220K02  
MANUFACTURER: Murata Manufacturing Co, Ltd.  
Remark: DC Model



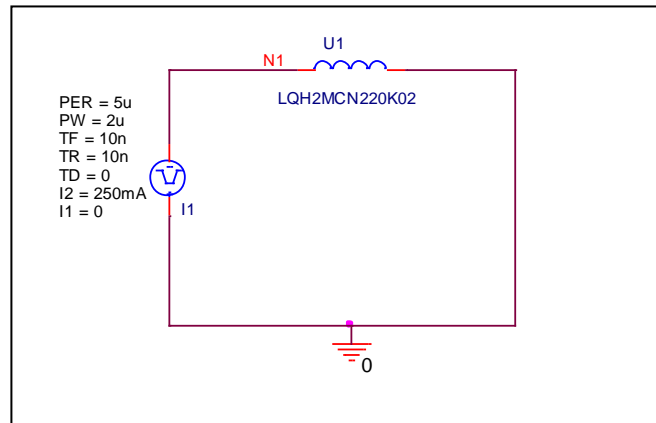
**Bee Technologies Inc.**

# Inductance-Current Characteristics

## Circuit Simulation result

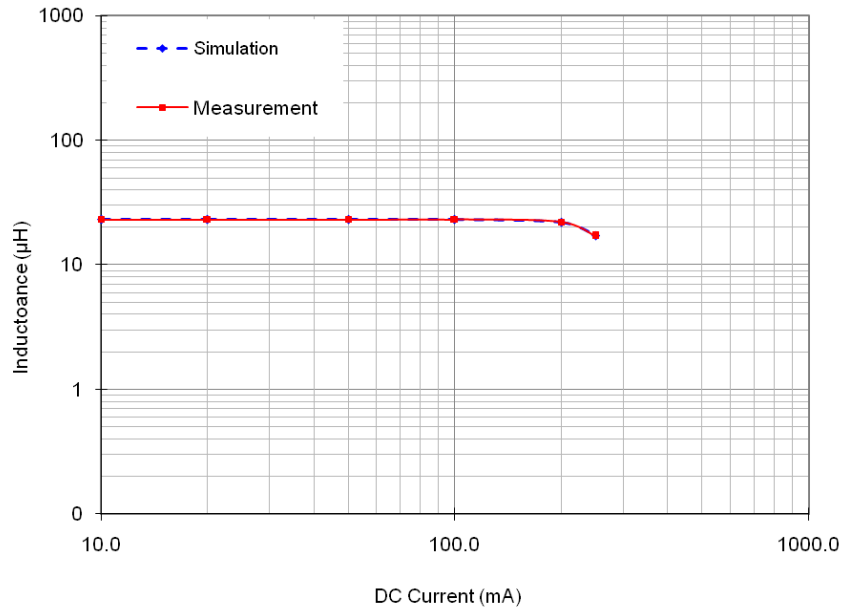


## Evaluation circuit



## Comparison Graph

### Simulation result



### Comparison table

I (mA)	L (µH)		%Error
	Measurement	Simulation	
10	23.000	23.001	0.00
20	23.000	23.002	0.01
50	23.000	23.004	0.02
100	23.000	22.999	0.00
200	22.000	21.757	-1.10
250	17.000	17.013	0.08