

# Device Modeling Report

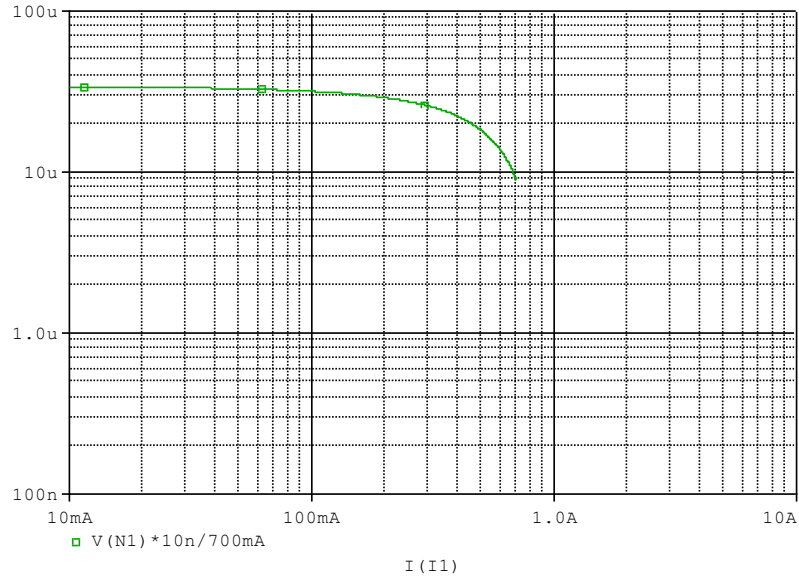
COMPONENTS: Inductor DC Model  
PART NUMBER: LQH3NPN330NJ0  
MANUFACTURER: Murata Manufacturing Co, Ltd.  
Remark: DC Model



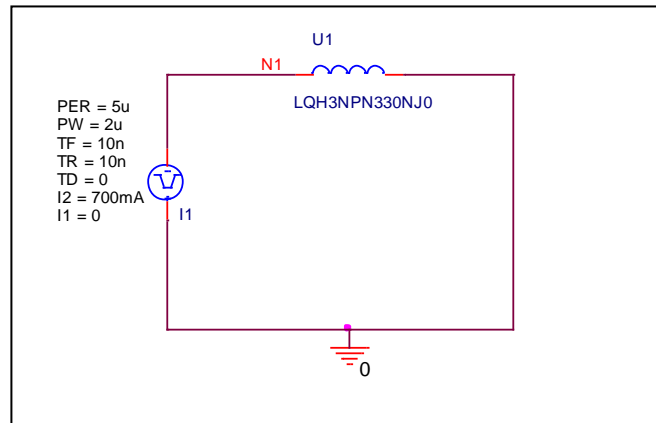
**Bee Technologies Inc.**

# Inductance-Current Characteristics

## Circuit Simulation result

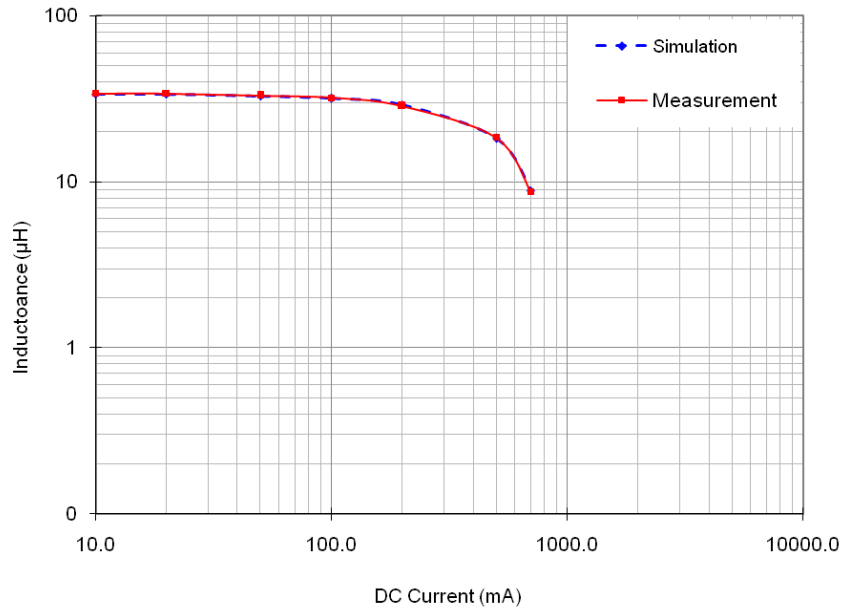


## Evaluation circuit



## Comparison Graph

### Simulation result



### Comparison table

I (mA)	L (µH)		%Error
	Measurement	Simulation	
10	34.000	33.771	-0.67
20	34.000	33.558	-1.30
50	33.000	32.895	-0.32
100	32.000	31.701	-0.93
200	28.500	28.984	1.70
500	18.500	18.206	-1.59
700	8.700	8.829	1.49