

# Device Modeling Report

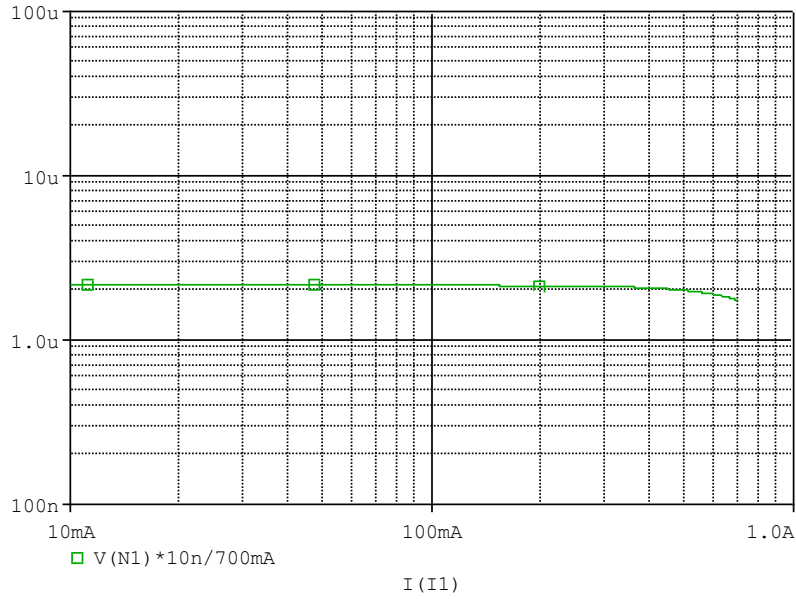
COMPONENTS: Inductance  
PART NUMBER: LQH2MCN2R2M52  
MANUFACTURER: Murata Manufacturing Co., Ltd.  
Remark: DC Model



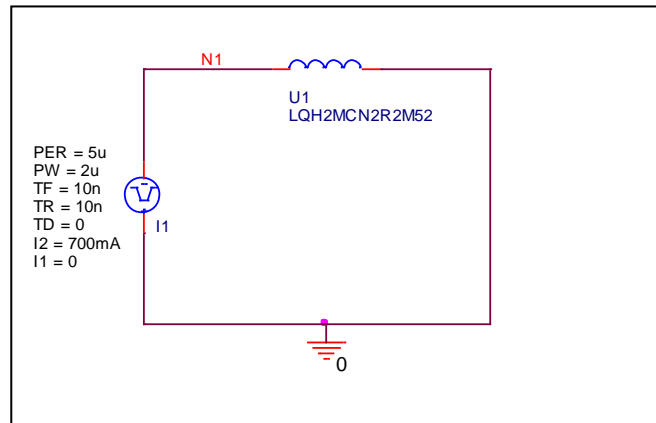
**Bee Technologies Inc.**

# Inductance-Current Characteristics

## Circuit Simulation result

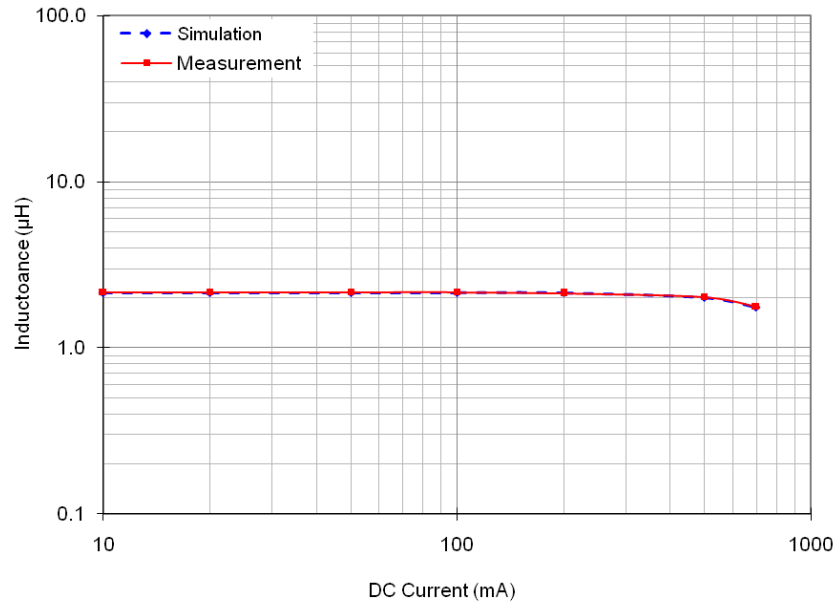


## Evaluation circuit



## Comparison Graph

### Simulation result



### Comparison table

I (mA)	L (µH)		%Error
	Measurement	Simulation	
10	2.165	2.150	-0.69
20	2.165	2.150	-0.69
50	2.165	2.150	-0.69
100	2.165	2.149	-0.74
200	2.130	2.142	0.56
500	2.025	2.008	-0.84
700	1.775	1.756	-1.07