

# Device Modeling Report

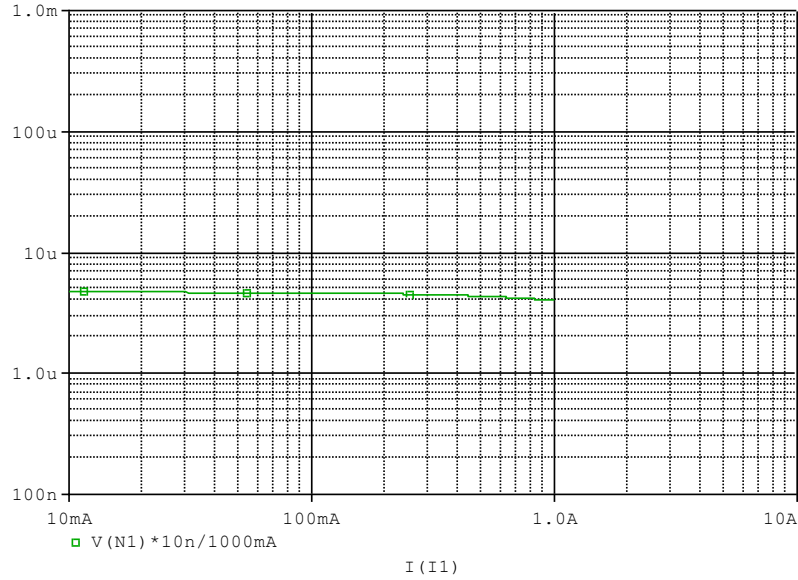
COMPONENTS: Inductor DC Model  
PART NUMBER: LQH32PN4R7NN0  
MANUFACTURER: Murata Manufacturing Co, Ltd.  
Remark: DC Model



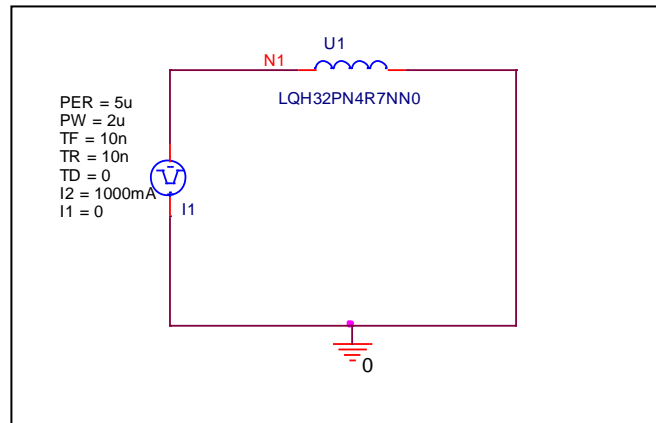
**Bee Technologies Inc.**

# Inductance-Current Characteristics

## Circuit Simulation result

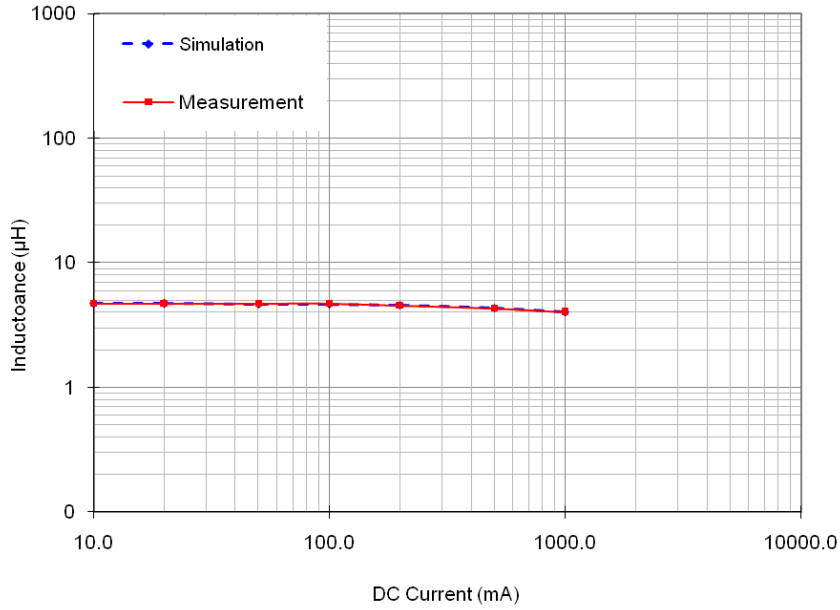


## Evaluation circuit



# Comparison Graph

## Simulation result



## Comparison table

I (mA)	L (µH)		%Error
	Measurement	Simulation	
10	4.700	4.693	-0.15
20	4.700	4.686	-0.30
50	4.700	4.665	-0.75
100	4.700	4.630	-1.50
200	4.550	4.559	0.21
500	4.300	4.348	1.13
1000	4.000	3.997	-0.08