

Device Modeling Report

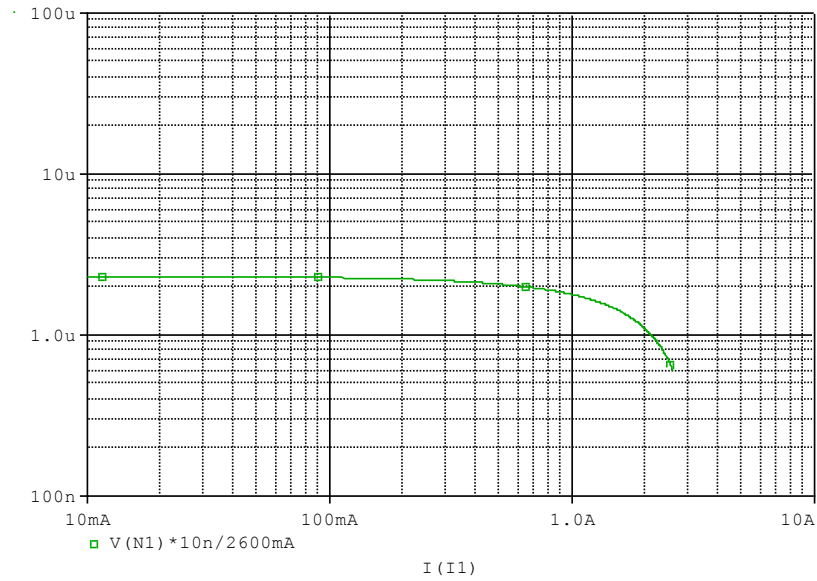
COMPONENTS: Inductor DC Model
PART NUMBER: LQH3NPN2R2NJ0
MANUFACTURER: Murata Manufacturing Co, Ltd.
Remark: DC Model



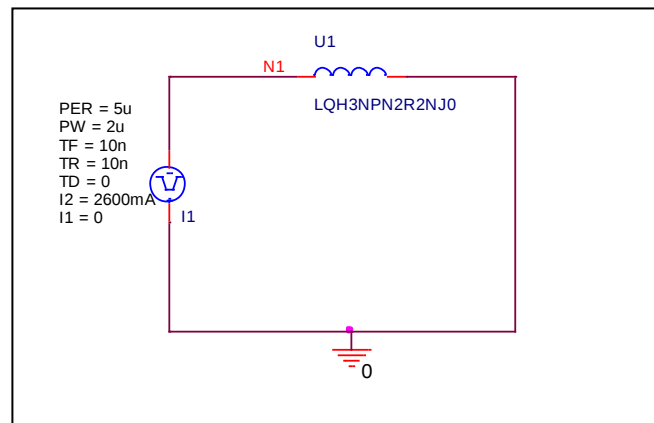
Bee Technologies Inc.

Inductance-Current Characteristics

Circuit Simulation result

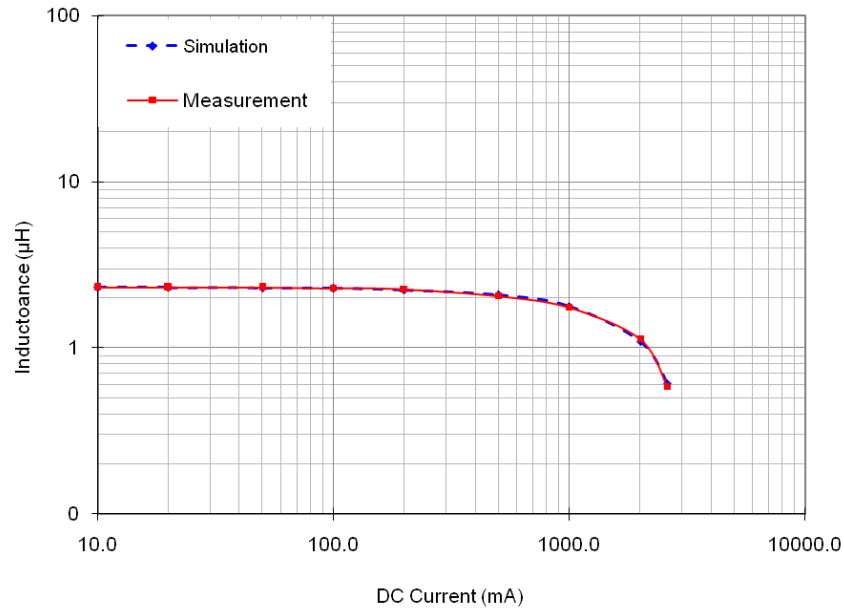


Evaluation circuit



Comparison Graph

Simulation result



Comparison table

I (mA)	L (μH)		%Error
	Measurement	Simulation	
10	2.300	2.300	0.00
20	2.300	2.300	0.00
50	2.300	2.298	-0.07
100	2.280	2.275	-0.23
200	2.250	2.227	-1.04
500	2.050	2.072	1.09
1000	1.750	1.785	1.98
2000	1.130	1.095	-3.13
2600	0.585	0.607	3.75