

Device Modeling Report

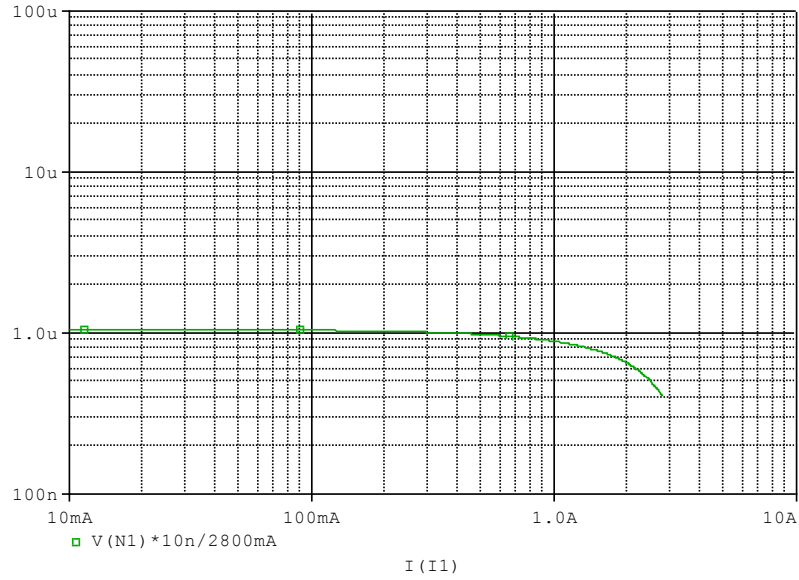
COMPONENTS: Inductor DC Model
PART NUMBER: LQH3NPN1R0NJ0
MANUFACTURER: Murata Manufacturing Co, Ltd.
Remark: DC Model



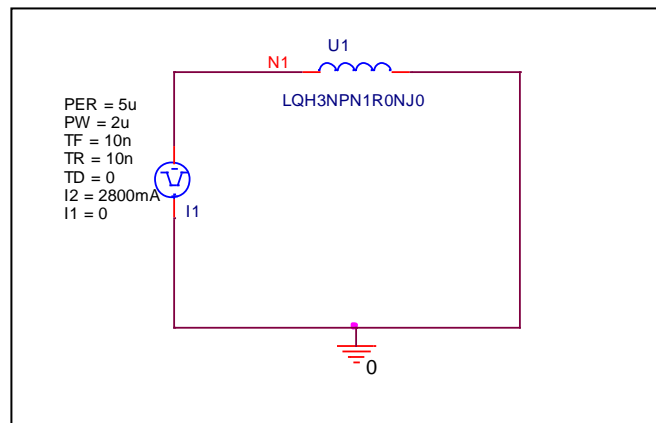
Bee Technologies Inc.

Inductance-Current Characteristics

Circuit Simulation result

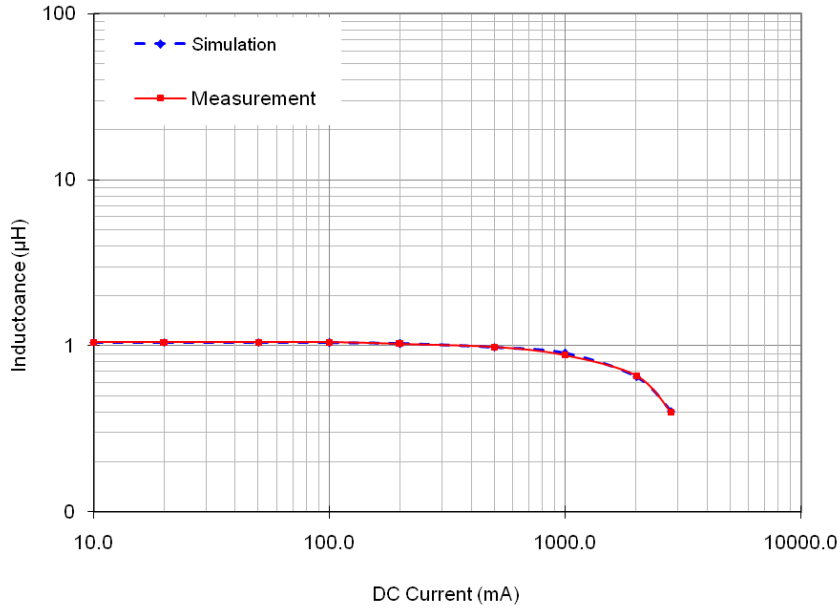


Evaluation circuit



Comparison Graph

Simulation result



Comparison table

I (mA)	L (µH)		%Error
	Measurement	Simulation	
10	1.050	1.050	0.00
20	1.050	1.050	-0.01
50	1.050	1.046	-0.37
100	1.050	1.040	-0.99
200	1.030	1.026	-0.40
500	0.980	0.981	0.06
1000	0.880	0.890	1.10
2000	0.660	0.650	-1.44
2800	0.400	0.404	1.04