

Device Modeling Report

COMPONENTS: Inductance

PART NUMBER: LQH55PN220MR0

MANUFACTURER: Murata Manufacturing Co., Ltd.

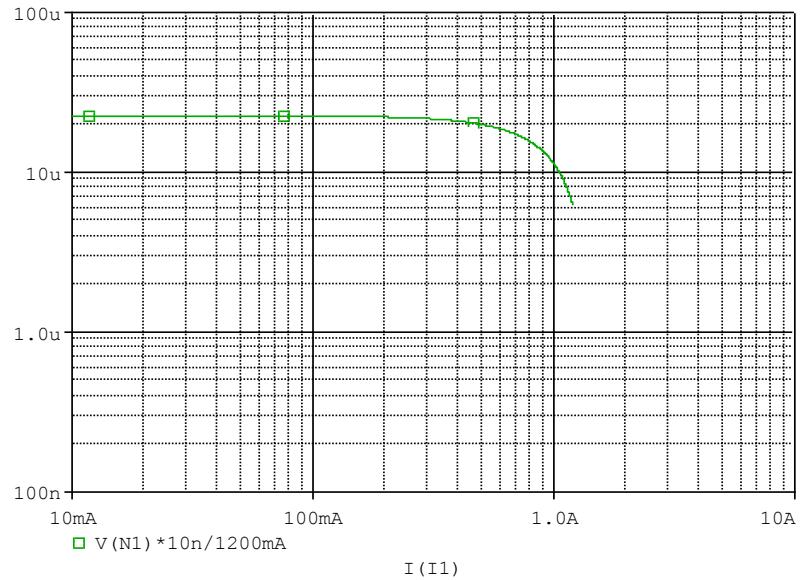
Remark: DC Model



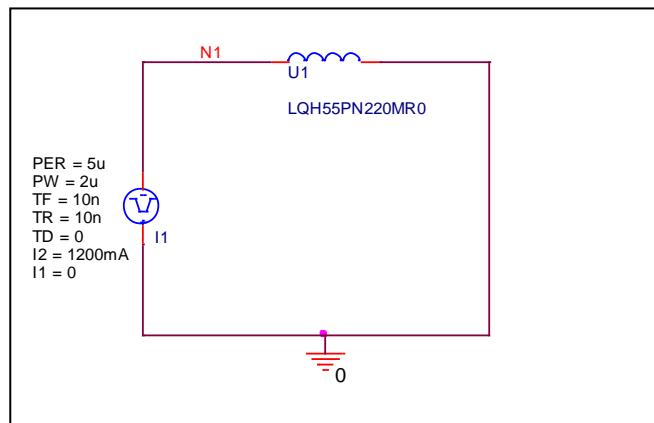
Bee Technologies Inc.

Inductance-Current Characteristics

Circuit Simulation result

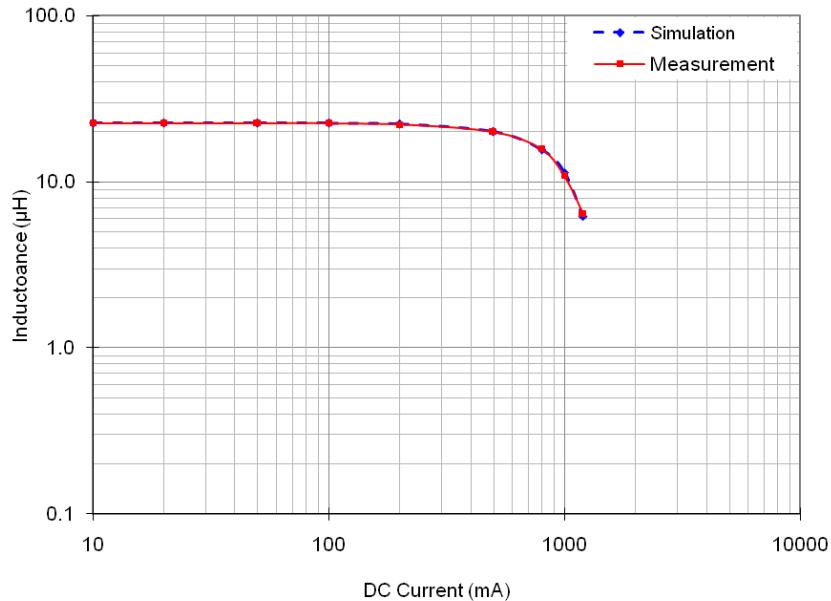


Evaluation circuit



Comparison Graph

Simulation result



Comparison table

I (mA)	L (μH)		%Error
	Measurement	Simulation	
10	22.500	22.458	-0.19
20	22.500	22.465	-0.16
50	22.500	22.470	-0.13
100	22.500	22.431	-0.31
200	22.000	22.170	0.77
500	20.000	19.925	-0.37
800	15.750	15.490	-1.65
1000	10.875	11.316	4.06
1200	6.400	6.169	-3.61