

Device Modeling Report

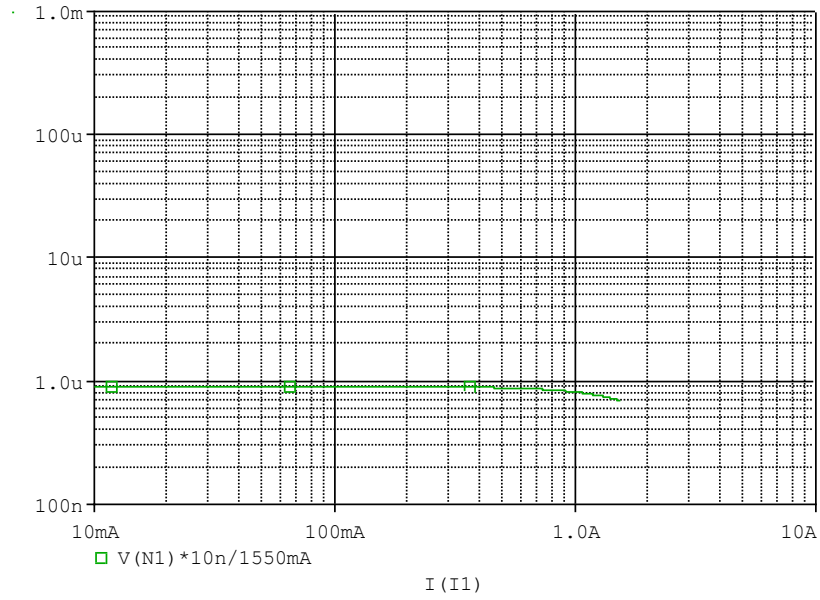
COMPONENTS: Inductance
PART NUMBER: LQH3NPN1R0NM0
MANUFACTURER: Murata Manufacturing Co., Ltd.
Remark: DC Model



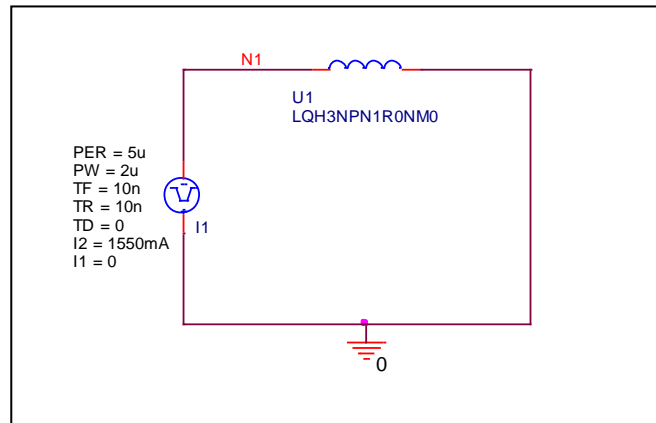
Bee Technologies Inc.

Inductance-Current Characteristics

Circuit Simulation result

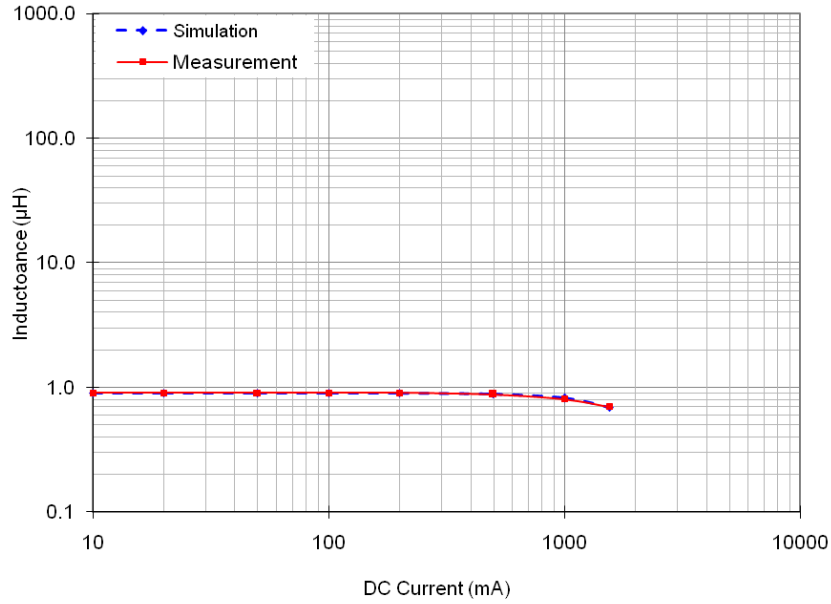


Evaluation circuit



Comparison Graph

Simulation result



Comparison table

I (mA)	L (µH)		%Error
	Measurement	Simulation	
10	0.905	0.905	-0.01
20	0.905	0.905	-0.01
50	0.905	0.905	-0.03
100	0.905	0.904	-0.11
200	0.905	0.902	-0.34
500	0.875	0.884	1.03
1000	0.805	0.818	1.61
1550	0.700	0.694	-0.86