

Device Modeling Report

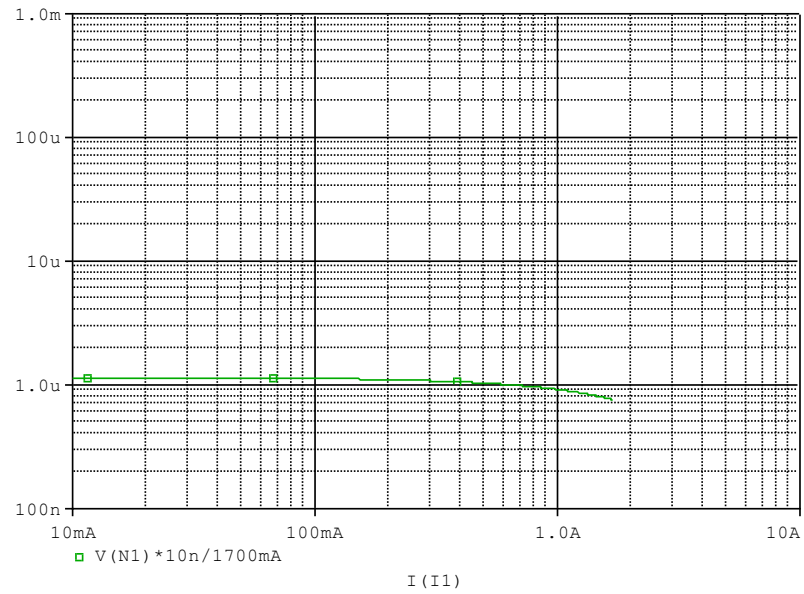
COMPONENTS: Inductor DC Model
PART NUMBER: LQH3NPN1R0NG0
MANUFACTURER: Murata Manufacturing Co, Ltd.
Remark: DC Model



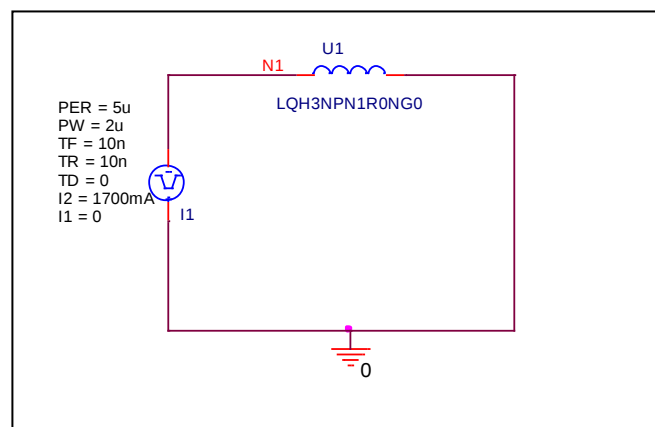
Bee Technologies Inc.

Inductance-Current Characteristics

Circuit Simulation result

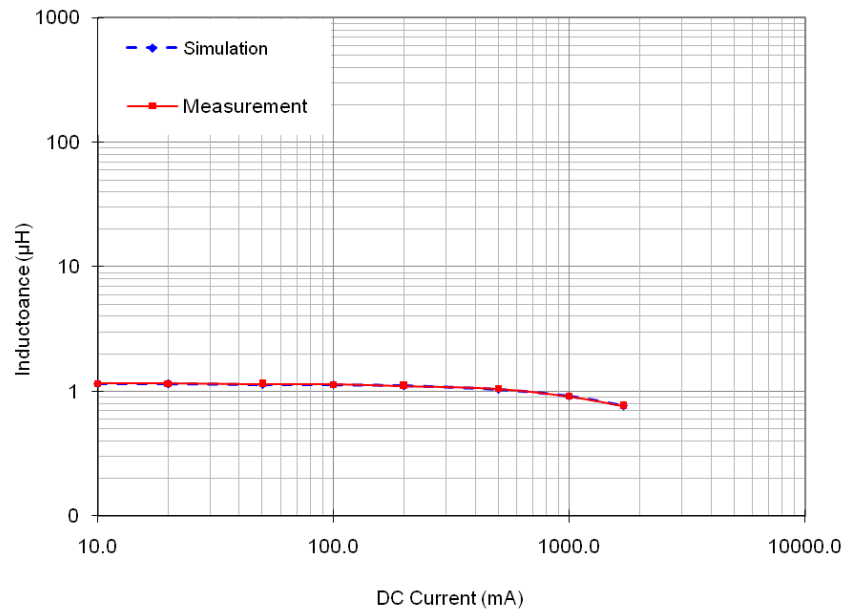


Evaluation circuit



Comparison Graph

Simulation result



Comparison table

I (mA)	L (μH)		%Error
	Measurement	Simulation	
10	1.150	1.148	-0.20
20	1.150	1.145	-0.40
50	1.140	1.139	-0.13
100	1.130	1.127	-0.27
200	1.100	1.104	0.36
500	1.050	1.035	-1.43
1000	0.910	0.920	1.10
1700	0.760	0.759	-0.13