

Device Modeling Report

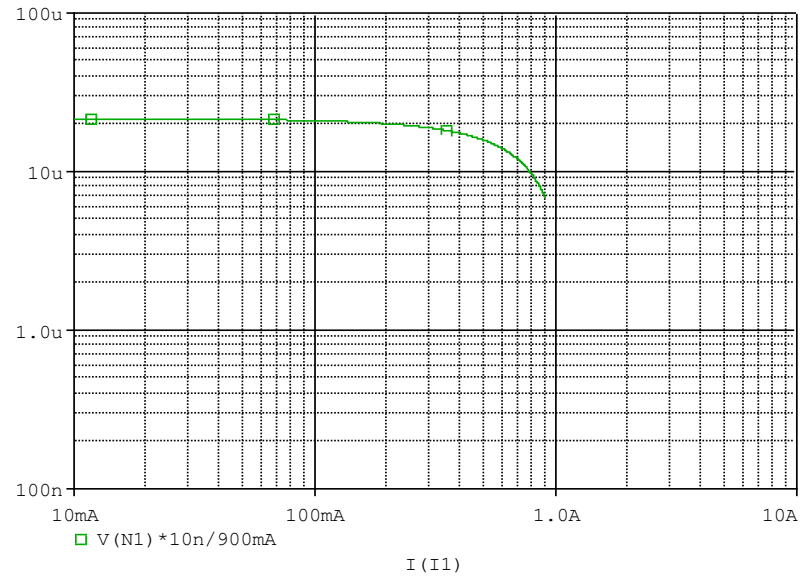
COMPONENTS: Inductance
PART NUMBER: LQH44PN220MJ0
MANUFACTURER: Murata Manufacturing Co., Ltd.
Remark: DC Model



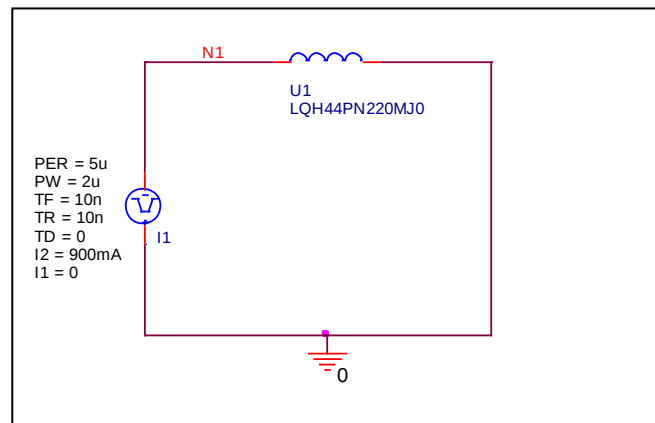
Bee Technologies Inc.

Inductance-Current Characteristics

Circuit Simulation result

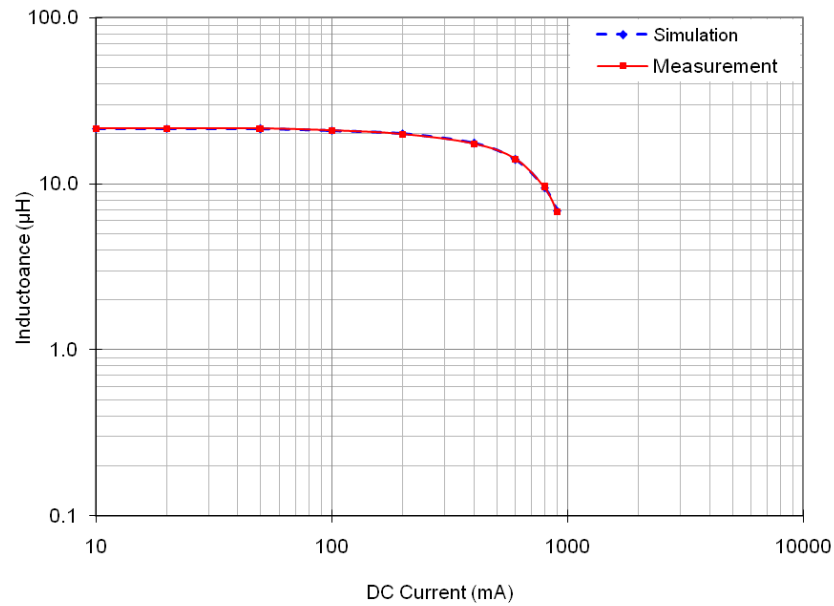


Evaluation circuit



Comparison Graph

Simulation result



Comparison table

I (mA)	L (μH)		%Error
	Measurement	Simulation	
10	21.500	21.500	0.00
20	21.500	21.497	-0.01
50	21.500	21.306	-0.90
100	20.850	20.938	0.42
200	19.850	20.023	0.87
400	17.400	17.471	0.41
600	14.075	13.958	-0.83
800	9.500	9.483	-0.18
900	6.800	6.885	1.25