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SCIHP1367 Inductance decrease by current

This graph plots Inductance (μH) on a logarithmic y-axis (0.1 to 100) against DC current (mA) on a logarithmic x-axis (1 to 100,000). Three curves are shown for different resistor values: 100 (red), 5R6 (blue), and 2R2 (green). Inductance remains relatively constant at low currents and decreases slightly at higher currents.

DC current (mA)	Inductance (μH) - 100	Inductance (μH) - 5R6	Inductance (μH) - 2R2
10	10	4	1.5
100	10	4	1.5
1000	10	4	1.5
10000	8	3.5	1.4
100000	-	-	1.2

SCIHP1367 Temperature rise by current

This graph plots Temperature rise (°C) on a linear y-axis (0 to 80) against DC current (mA) on a linear x-axis (0 to 30,000). Three curves are shown for different resistor values: 100 (red), 5R6 (blue), and 2R2 (green). Temperature rise increases with current, with the 100 resistor showing the steepest increase.

DC current (mA)	Temperature rise (°C) - 100	Temperature rise (°C) - 5R6	Temperature rise (°C) - 2R2
0	3	3	3
5000	10	5	4
10000	35	15	8
15000	-	35	15
20000	-	-	35
25000	-	-	60

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