

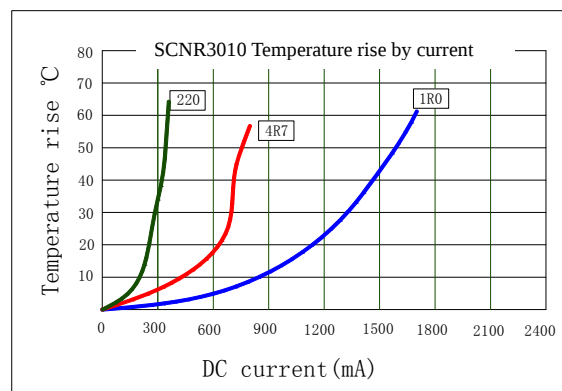


1. Open frame construction.



SCNR3010 Inductance decrease by current

DC current (mA)	470 uH Inductance (uH)	47 uH Inductance (uH)	10 uH Inductance (uH)
10	~50	~5	~1
100	~45	~4	~0.9
300	~40	~3.5	~0.8
500	~10	~3	~0.7
1000	~1	~0.5	~0.2
2000	~0.5	~0.2	~0.1



(1). Inductance tested at 0.25V, 0ADC and 25°C.

Tolerance of inductance: 1.0uH-2.2uH: $\pm 30\%$ (N).

3.3uH-47uH: $\pm 20\%$ (M).

(2).DCR measured at 25°C.

(3).The DC current at which the inductance decreases by 30% from its initial value.

(4).The DC current that results in a 40°C temperature rise from 25°C ambient.

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