

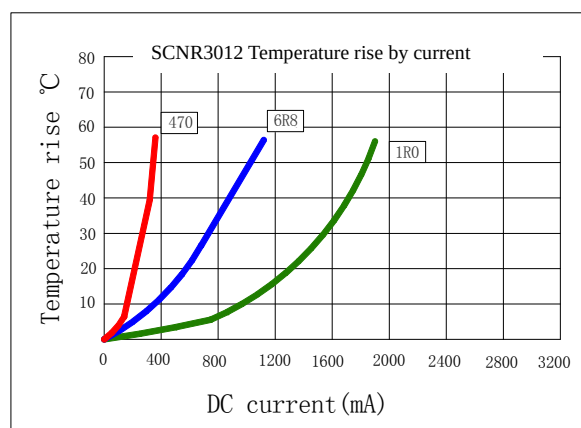


1. Open frame construction.



SCNR3012 Inductance decrease by current

DC current (mA)	Inductance (uH) (170)	Inductance (uH) (68)	Inductance (uH) (180)
10	~60	~10	~1
100	~50	~8	~0.8
1000	~10	~2	~0.2
10000	~0.1	~0.05	~0.01



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

Tolerance of inductance: 1.0uH-1.5uH: $\pm 30\%$ (N).
2.2uH-47uH: $\pm 20\%$ (M).

(2).DCR measured at 25°C.

(3).The DC current at which the inductance decreases by 10% from its initial value.

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

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