

SMD POWER INDUCTORS

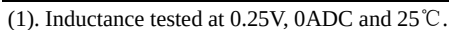


1. Open frame construction.



SCNR6028 Inductance decrease by current

DC current (mA)	Inductance (uH) - 101	Inductance (uH) - 100	Inductance (uH) - 093
10	100	10	1
100	100	10	1
1000	100	10	1
10000	~30	~3	~0.5
100000	~0.5	~0.1	~0.05



Tolerance of inductance: 0.9uH-3.0uH: $\pm 30\%$ (N).

4.7uH-100uH: $\pm 20\%$ (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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