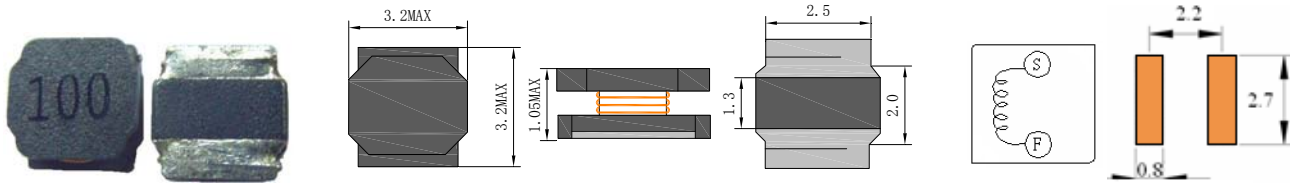


SCNR3010

SMD POWER INDUCTORS



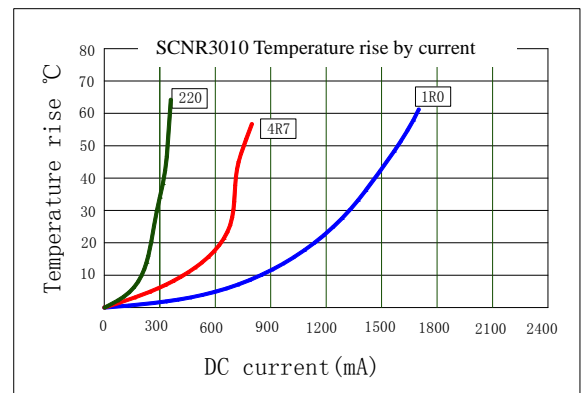
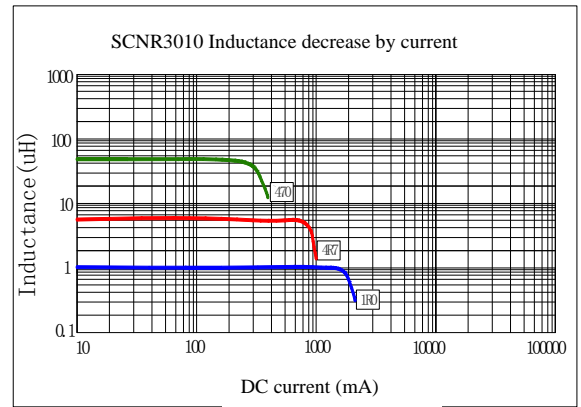
• Features

1. Open frame construction.

ELECTRICAL CHARACTERISTICS



Part Number	Inductance (uH) (1)	Test Frequency	DC Resistance (Ω MAX) (2)	Saturation Current (3) (A)	Temperature Current (4) (A)
SCNR3010-1R0	1.0	100KHZ	78m	1.30	1.30
SCNR3010-1R5	1.5	100KHZ	107m	1.20	1.25
SCNR3010-2R2	2.2	100KHZ	150m	1.10	1.05
SCNR3010-3R3	3.3	100KHZ	188m	0.87	0.90
SCNR3010-4R7	4.7	100KHZ	320m	0.75	0.68
SCNR3010-6R8	6.8	100KHZ	430m	0.61	0.62
SCNR3010-100	10	100KHZ	585m	0.50	0.55
SCNR3010-150	15	100KHZ	920m	0.40	0.50
SCNR3010-220	22	100KHZ	1.10	0.35	0.42
SCNR3010-330	33	100KHZ	2.04	0.26	0.32
SCNR3010-470	47	100KHZ	2.76	0.22	0.28



- (1). Inductance tested at 0.25V, 0ADC and 25°C.
Tolerance of inductance: 1.0uH-2.2uH: ±30% (N).
3.3uH-47uH: ±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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