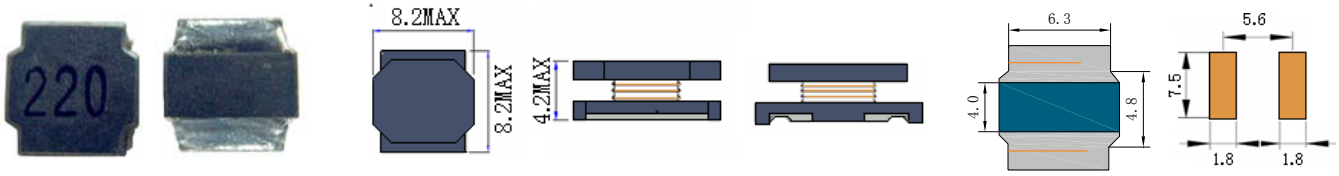
SCNR8040

SMD POWER INDUCTORS

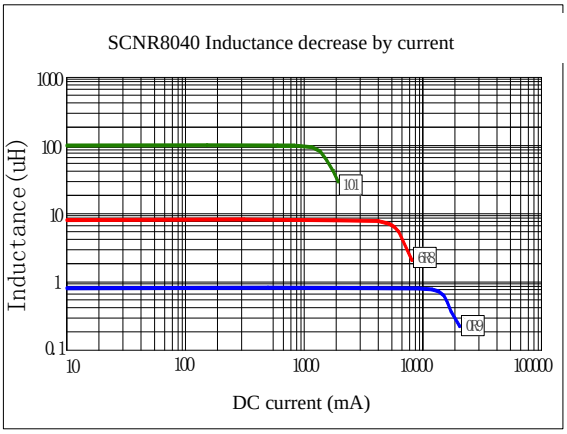


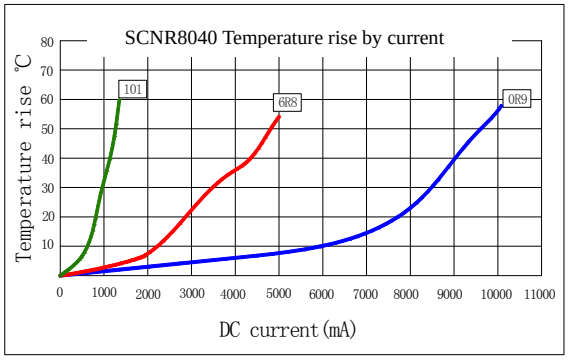
● Features

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)
SCNR8040-0R9	0.9	100KHZ	7.8	11.0	8.2
SCNR8040-1R4	1.4	100KHZ	9.5	9.0	6.4
SCNR8040-2R0	2.0	100KHZ	11.7	7.4	6.1
SCNR8040-3R6	3.6	100KHZ	19.5	5.3	5.3
SCNR8040-4R7	4.7	100KHZ	23.4	4.7	4.7
SCNR8040-6R8	6.8	100KHZ	32.5	4.0	3.9
SCNR8040-100	10	100KHZ	42	3.4	3.2
SCNR8040-150	15	100KHZ	60	2.7	2.5
SCNR8040-220	22	100KHZ	88	2.2	2.2
SCNR8040-330	33	100KHZ	130	1.9	1.6
SCNR8040-470	47	100KHZ	200	1.5	1.4
SCNR8040-680	68	100KHZ	300	1.2	1.1
SCNR8040-101	100	100KHZ	380	1.0	0.9





(1). Inductance tested at 0.25V, 0ADC and 25℃.
Tolerance of inductance: 0.9uH-6.8uH:±30% (N).
10uH-100uH:±20% (M).

(2).DCR measured at 25℃.

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

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

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