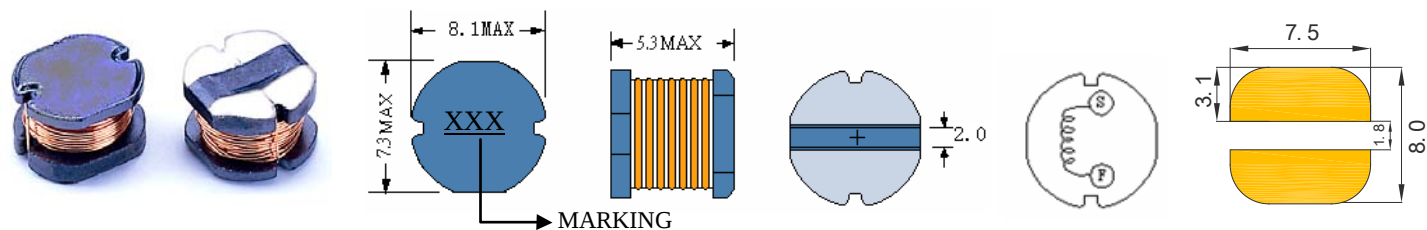


SMD POWER INDUCTORS



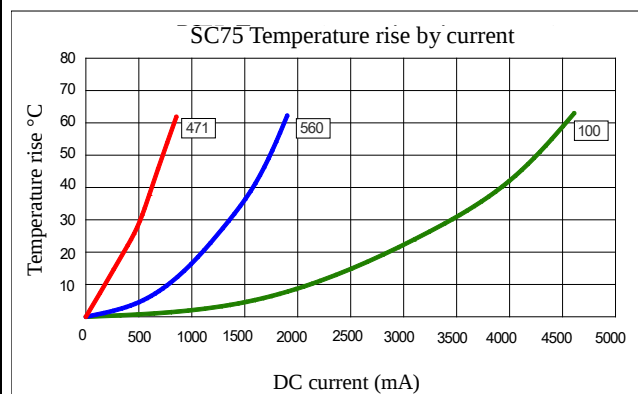
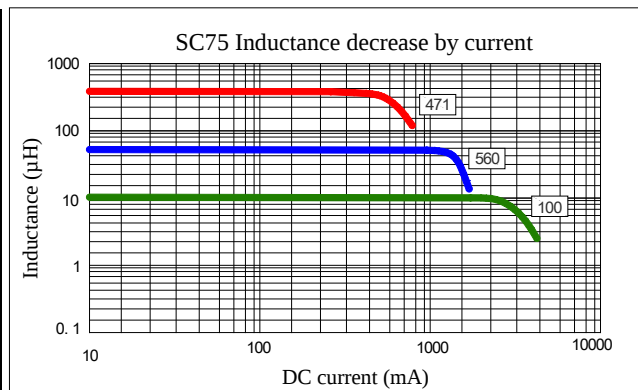
• Features

1. Open frame construction.

ELECTRICAL CHARACTERISTICS



Part Number	Inductance (μ H) (1)	Test Frequency	DC Resistance (Ω MAX) (2)	Saturation Current ⁽³⁾ (A)	Temperature Current ⁽⁴⁾ (A)
SC75-100	10	2.52MHZ	0.07	2.30	3.20
SC75-120	12	2.52MHZ	0.08	2.00	3.00
SC75-150	15	2.52MHZ	0.09	1.80	2.75
SC75-180	18	2.52MHZ	0.10	1.60	2.40
SC75-220	22	2.52MHZ	0.11	1.50	2.10
SC75-270	27	2.52MHZ	0.12	1.30	1.85
SC75-330	33	2.52MHZ	0.15	1.20	1.70
SC75-390	39	2.52MHZ	0.16	1.10	1.55
SC75-470	47	2.52MHZ	0.18	1.10	1.47
SC75-560	56	2.52MHZ	0.24	0.94	1.30
SC75-680	68	2.52MHZ	0.28	0.85	1.12
SC75-820	82	2.52MHZ	0.37	0.78	1.03
SC75-101	100	1KHZ	0.43	0.72	0.90
SC75-121	120	1KHZ	0.47	0.66	0.86
SC75-151	150	1KHZ	0.64	0.58	0.80
SC75-181	180	1KHZ	0.71	0.51	0.76
SC75-221	220	1KHZ	0.96	0.49	0.68
SC75-271	270	1KHZ	1.11	0.42	0.60
SC75-331	330	1KHZ	1.26	0.40	0.52
SC75-391	390	1KHZ	1.77	0.36	0.50
SC75-471	470	1KHZ	1.96	0.34	0.46



(1). Inductance tolerance $\pm 20\%$ tested at 0.25V, 0ADC and 25°C.

(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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[SC75-151](#) [SC75-390](#) [SC75-680](#) [SC75-271](#) [SC75-270](#) [SC75-180](#) [SC75-120](#) [SC75-391](#) [SC75-100](#) [SC75-221](#)
[SC75-470](#)