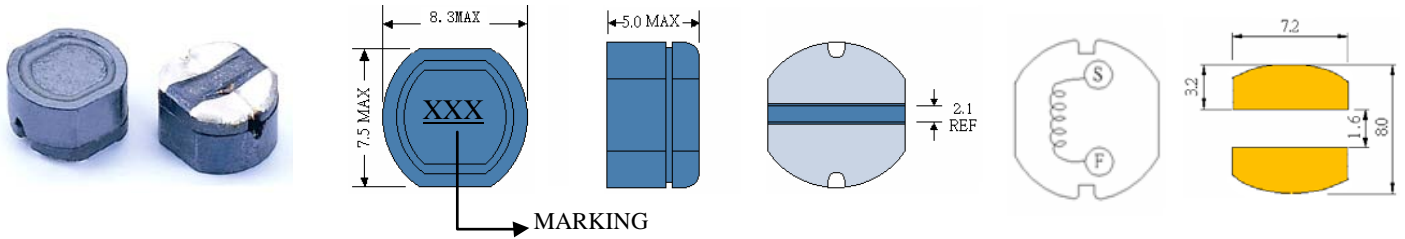


# SCR74B

## SMD POWER INDUCTORS



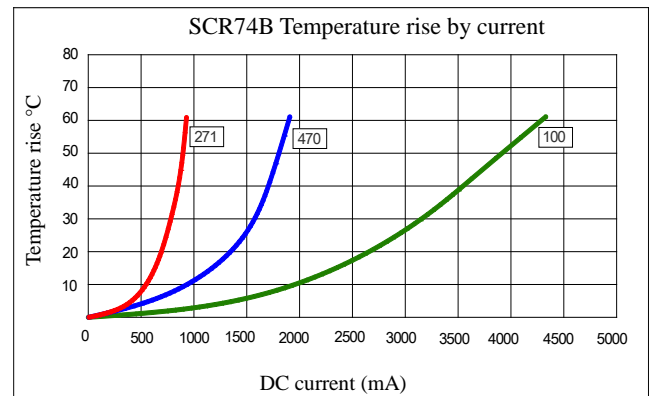
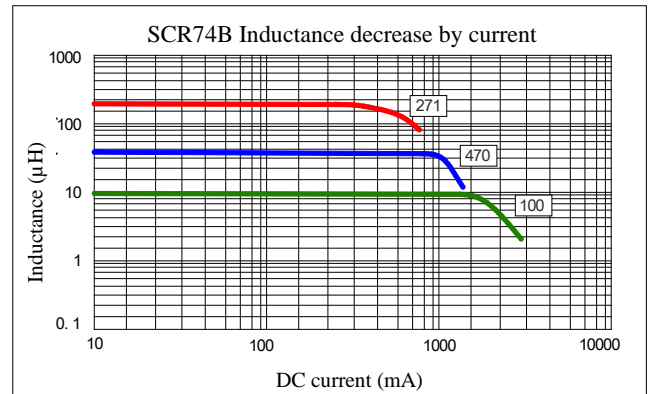
### • Features

1. Magnetically shielded construction
2. Excellent Power Density
3. Engineered to Provide High Efficiency

## ELECTRICAL CHARACTERISTICS



Part Number	Inductance (uH) (1)	Test Frequency	DC Resistance (Ω MAX) (2)	Saturation Current <sup>(3)</sup> (A)	Temperature Current <sup>(4)</sup> (A)
SCR74B-100	10	2.52KHZ	0.07	1.65	3.30
SCR74B-120	12	2.52KHZ	0.07	1.57	3.00
SCR74B-150	15	2.52KHZ	0.08	1.39	2.70
SCR74B-180	18	2.52KHZ	0.10	1.29	2.43
SCR74B-220	22	2.52KHZ	0.13	1.12	2.18
SCR74B-270	27	2.52KHZ	0.16	1.06	1.96
SCR74B-330	33	2.52KHZ	0.18	0.97	1.74
SCR74B-390	39	2.52KHZ	0.18	0.91	1.64
SCR74B-470	47	2.52KHZ	0.27	0.80	1.55
SCR74B-560	56	2.52KHZ	0.29	0.76	1.47
SCR74B-680	68	2.52KHZ	0.33	0.68	1.32
SCR74B-820	82	2.52KHZ	0.43	0.62	1.20
SCR74B-101	100	1KHZ	0.49	0.55	1.14
SCR74B-121	120	1KHZ	0.68	0.49	1.08
SCR74B-151	150	1KHZ	0.94	0.44	0.97
SCR74B-181	180	1KHZ	1.00	0.40	0.87
SCR74B-221	220	1KHZ	1.18	0.36	0.78
SCR74B-271	270	1KHZ	1.30	0.33	0.70



- (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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**Custom versions available upon request.**