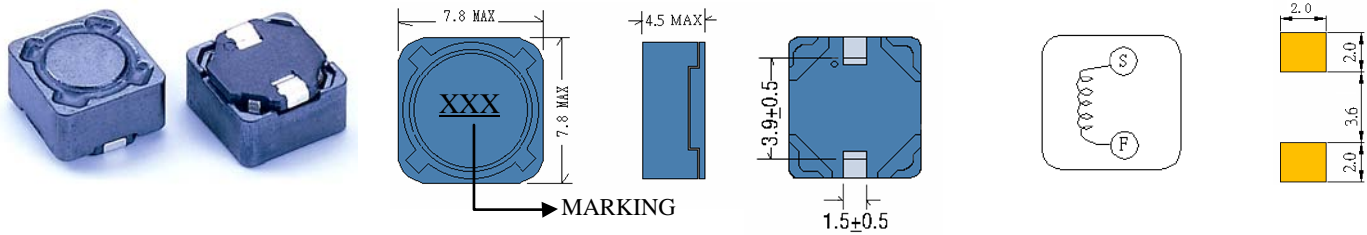


# SCRH74B

## SMD POWER INDUCTORS



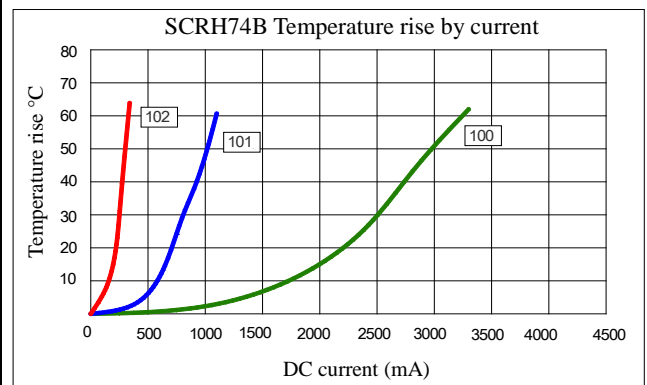
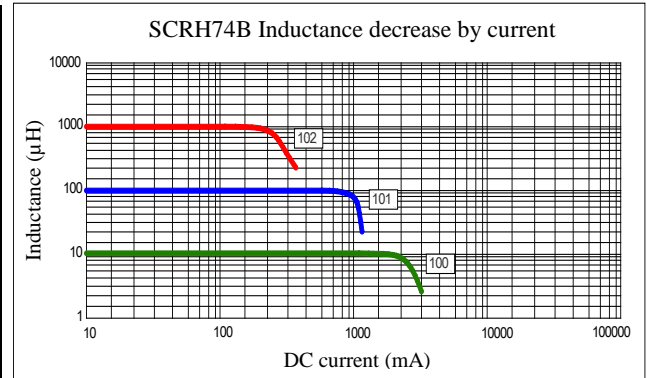
### • Features

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 (A) (3)	Temperature Current (A) (4)
SCRH74B-100	10	1KHZ	65m	1.84	2.40
SCRH74B-120	12	1KHZ	67m	1.71	2.21
SCRH74B-150	15	1KHZ	81m	1.47	2.09
SCRH74B-180	18	1KHZ	0.11	1.31	1.81
SCRH74B-220	22	1KHZ	0.13	1.23	1.73
SCRH74B-270	27	1KHZ	0.15	1.12	1.60
SCRH74B-330	33	1KHZ	0.17	0.96	1.36
SCRH74B-390	39	1KHZ	0.23	0.91	1.26
SCRH74B-470	47	1KHZ	0.26	0.88	1.18
SCRH74B-560	56	1KHZ	0.35	0.75	1.05
SCRH74B-680	68	1KHZ	0.38	0.69	1.04
SCRH74B-820	82	1KHZ	0.43	0.61	0.91
SCRH74B-101	100	1KHZ	0.61	0.60	0.75
SCRH74B-121	120	1KHZ	0.66	0.52	0.70
SCRH74B-151	150	1KHZ	0.88	0.46	0.65
SCRH74B-181	180	1KHZ	0.98	0.42	0.60
SCRH74B-221	220	1KHZ	1.17	0.36	0.55
SCRH74B-271	270	1KHZ	1.64	0.34	0.55
SCRH74B-331	330	1KHZ	1.86	0.32	0.47
SCRH74B-391	390	1KHZ	2.85	0.29	0.42
SCRH74B-471	470	1KHZ	3.01	0.26	0.38
SCRH74B-561	560	1KHZ	3.62	0.23	0.32
SCRH74B-681	680	1KHZ	4.63	0.22	0.30
SCRH74B-821	820	1KHZ	5.20	0.20	0.25
SCRH74B-102	1000	1KHZ	6.00	0.18	0.25



- (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 25% 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.

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