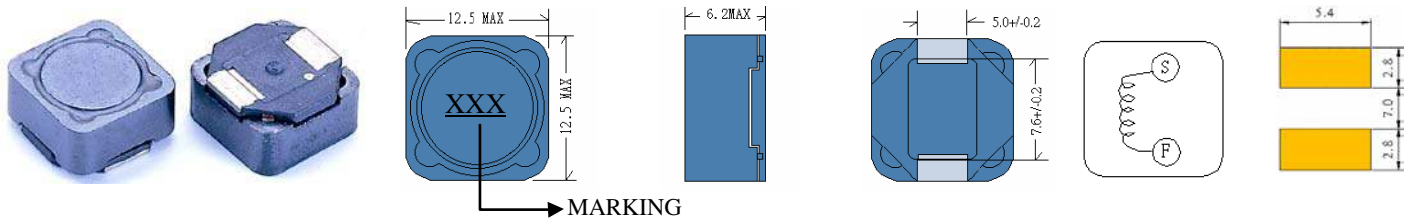


# SCRH125B

## SMD POWER INDUCTORS



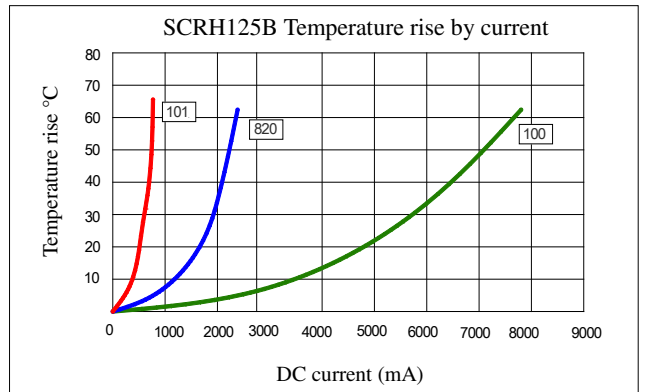
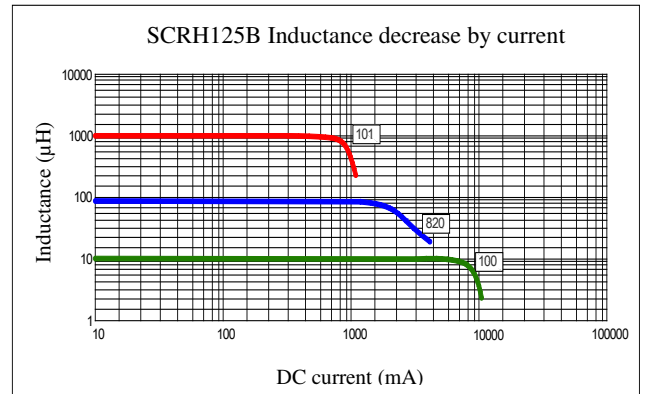
### • Features

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)
SCRH125B-100	10	1KHZ	25m	4.0	5.50
SCRH125B-120	12	1KHZ	27m	3.5	5.22
SCRH125B-150	15	1KHZ	33m	3.3	4.69
SCRH125B-180	18	1KHZ	38m	3.0	4.22
SCRH125B-220	22	1KHZ	44m	2.8	4.00
SCRH125B-270	27	1KHZ	56m	2.3	3.24
SCRH125B-330	33	1KHZ	57m	2.1	3.07
SCRH125B-390	39	1KHZ	80m	2.0	2.76
SCRH125B-470	47	1KHZ	84m	1.8	2.48
SCRH125B-560	56	1KHZ	0.11	1.7	2.23
SCRH125B-680	68	1KHZ	0.13	1.5	2.00
SCRH125B-820	82	1KHZ	0.14	1.4	1.80
SCRH125B-101	100	1KHZ	0.16	1.3	1.70
SCRH125B-121	120	1KHZ	0.24	1.1	1.60
SCRH125B-151	150	1KHZ	0.27	1.0	1.52
SCRH125B-181	182	1KHZ	0.34	0.90	1.44
SCRH125B-221	220	1KHZ	0.40	0.80	1.29
SCRH125B-271	270	1KHZ	0.46	0.75	1.16
SCRH125B-331	330	1KHZ	0.58	0.68	1.04
SCRH125B-391	390	1KHZ	0.69	0.65	0.93
SCRH125B-471	470	1KHZ	0.77	0.58	0.83
SCRH125B-561	560	1KHZ	1.00	0.54	0.74
SCRH125B-681	680	1KHZ	1.20	0.48	0.66
SCRH125B-821	820	1KHZ	1.55	0.43	0.59
SCRH125B-102	1000	1KHZ	1.80	0.40	0.53



- (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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