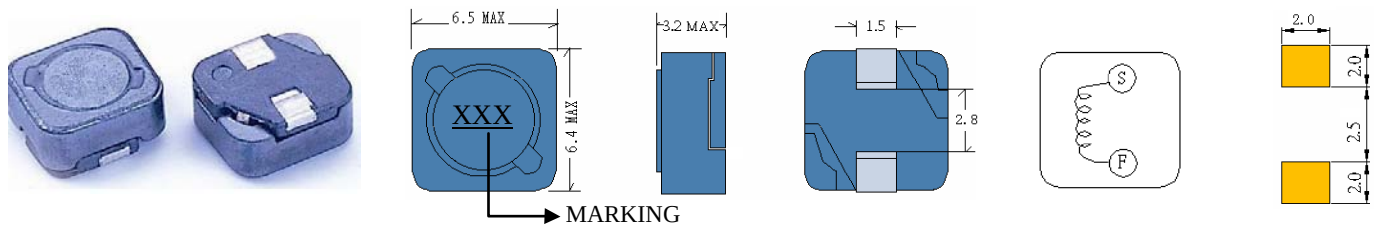


SCRH62B

SMD POWER INDUCTORS



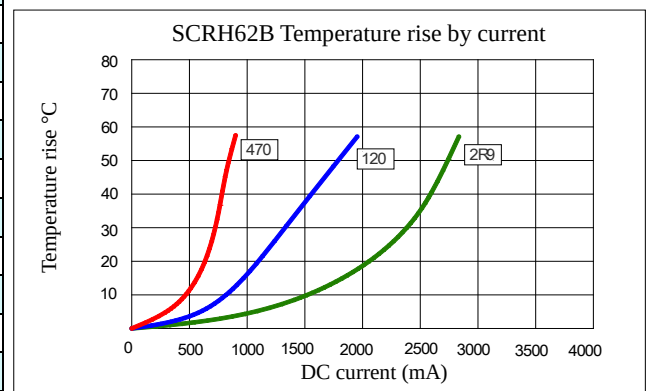
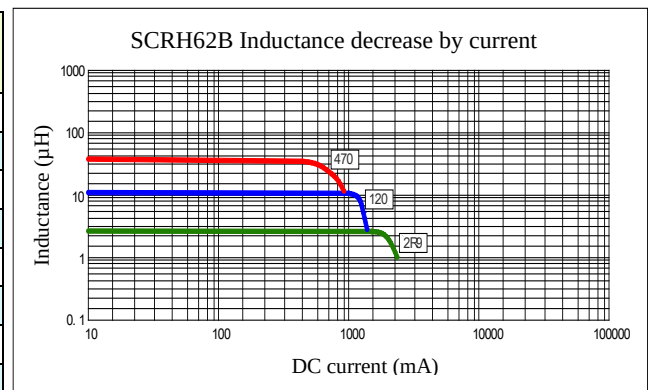
• Features

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)
SCRH62B-2R9	2.9	100KHZ	68m	1.94	2.50
SCRH62B-4R0	4.0	100KHZ	80m	1.63	2.00
SCRH62B-5R5	5.5	100KHZ	96m	1.40	1.80
SCRH62B-6R3	6.3	100KHZ	0.10	1.30	1.62
SCRH62B-7R1	7.1	100KHZ	0.11	1.22	1.53
SCRH62B-8R0	8.0	100KHZ	0.12	1.15	1.46
SCRH62B-100	10	100KHZ	0.15	1.10	1.38
SCRH62B-120	12	100KHZ	0.20	1.00	1.24
SCRH62B-150	15	100KHZ	0.23	0.90	1.17
SCRH62B-180	18	100KHZ	0.27	0.80	1.05
SCRH62B-220	22	100KHZ	0.34	0.74	0.99
SCRH62B-270	27	100KHZ	0.38	0.66	0.89
SCRH62B-330	33	100KHZ	0.45	0.59	0.84
SCRH62B-390	39	100KHZ	0.49	0.54	0.79
SCRH62B-470	47	100KHZ	0.69	0.50	0.75



(1). Inductance tolerance for 2.9uH~8.0uH: +40% -20%, for 10uH~47uH: $\pm 20\%$. 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.