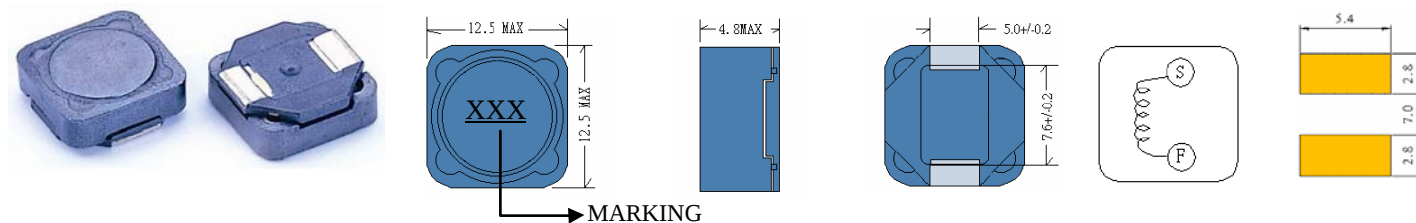


SCRH124B

SMD POWER INDUCTORS

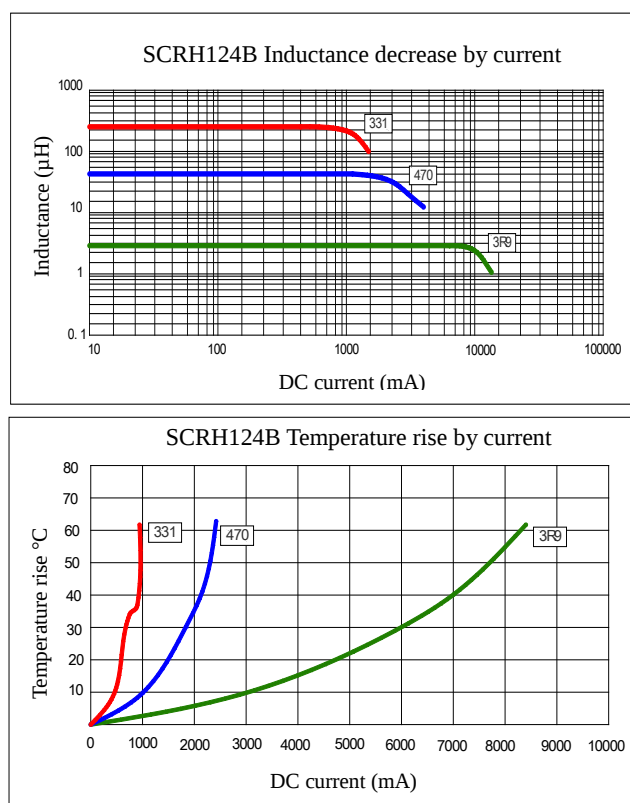


• Features

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

CHARACTERISTICS

Part Number	Inductance (uH) (1)	Test Frequency	DC Resistance (Ω MAX) (2)	Saturation Current (A) (3)	Temperature Current (A) (4)
SCRH124B-3R9	3.9	100KHZ	20m	6.5	6.00
SCRH124B-4R7	4.7	100KHZ	24m	5.7	5.40
SCRH124B-6R8	6.8	100KHZ	30m	4.9	4.80
SCRH124B-8R2	8.2	100KHZ	34m	4.6	4.40
SCRH124B-100	10	100KHZ	38m	4.5	4.10
SCRH124B-120	12	100KHZ	49m	4.0	3.90
SCRH124B-150	15	100KHZ	53m	3.2	3.50
SCRH124B-180	18	100KHZ	62m	3.1	3.10
SCRH124B-220	22	100KHZ	66m	2.9	3.00
SCRH124B-270	27	100KHZ	92m	2.8	2.70
SCRH124B-330	33	100KHZ	111m	2.7	2.43
SCRH124B-390	39	100KHZ	132m	2.1	2.07
SCRH124B-470	47	100KHZ	170m	1.9	1.87
SCRH124B-560	56	100KHZ	190m	1.8	1.77
SCRH124B-680	68	100KHZ	220m	1.5	1.60
SCRH124B-820	82	100KHZ	275m	1.3	1.44
SCRH124B-100	100	100KHZ	330m	1.2	1.36
SCRH124B-120	120	100KHZ	400m	1.1	1.23
SCRH124B-150	150	100KHZ	530m	0.95	1.16
SCRH124B-180	180	100KHZ	620m	0.85	1.05
SCRH124B-220	220	100KHZ	700m	0.80	0.95
SCRH124B-270	270	100KHZ	870m	0.60	0.86
SCRH124B-330	330	100KHZ	990m	0.50	0.78



(1). Inductance tolerance for 3.9uH~8.2uH: $\pm 30\%$, for 10uH~330uH: $\pm 20\%$. 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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