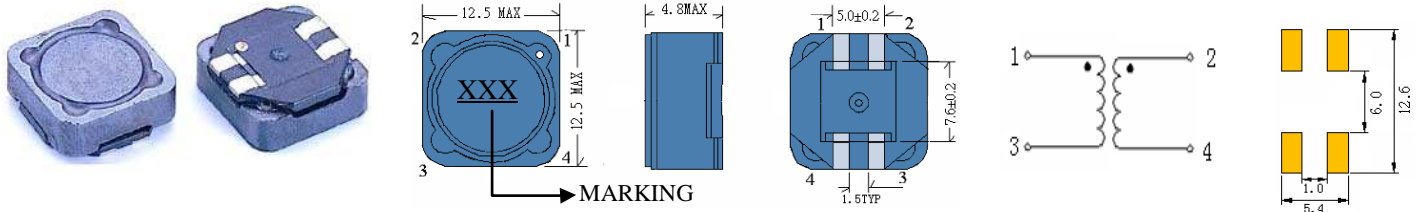


# SCRHB124B

## SMD POWER INDUCTORS



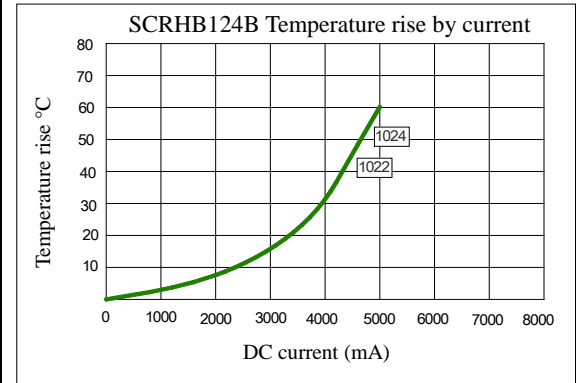
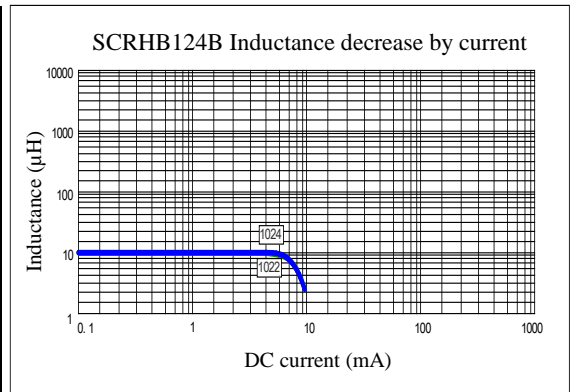
### • Features

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)	Temperature Current (A)	TURN RATIO (L1:L2)
SCRHB124B-1022	L1=10	1KHZ	44m	4.0	4.0	1:2.2
	L2=38	1KHZ	590m	1.8	1.3	
SCRHB124B-1024	L1=10	1KHZ	44m	4.0	4.0	1:2.4
	L2=44	1KHZ	600m	1.7	1.3	



- (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.