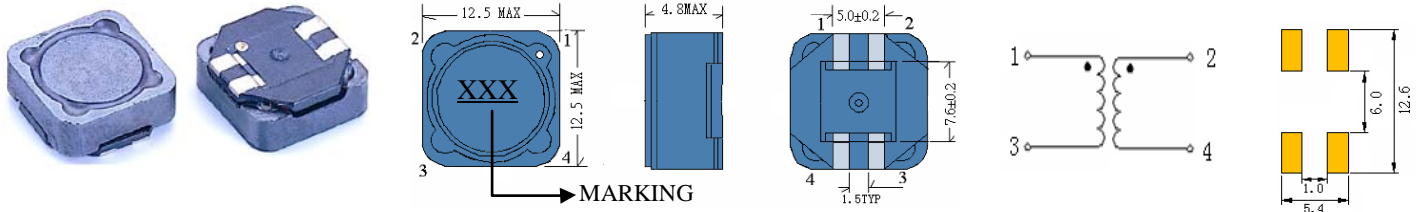


SCRHB124B

SMD POWER INDUCTORS



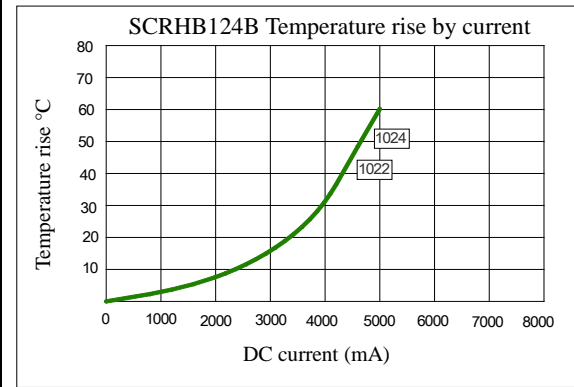
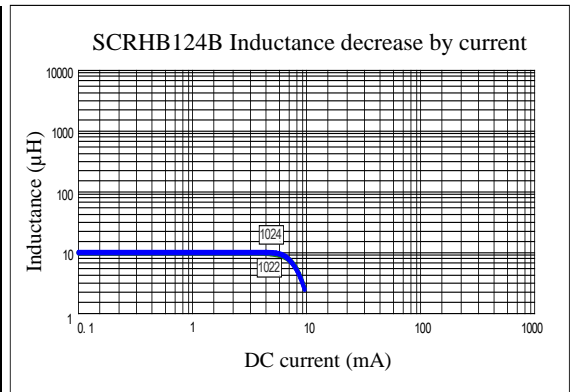
• Features

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.