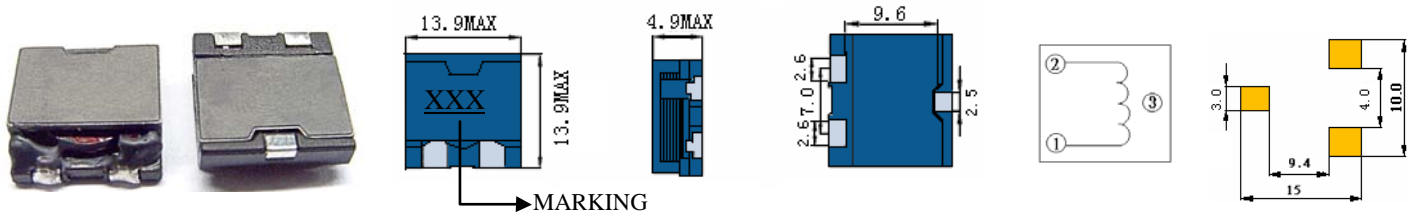


# SCEP134H

## SMD POWER INDUCTORS



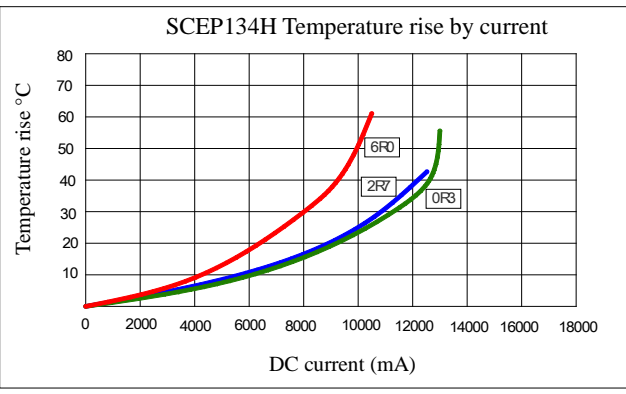
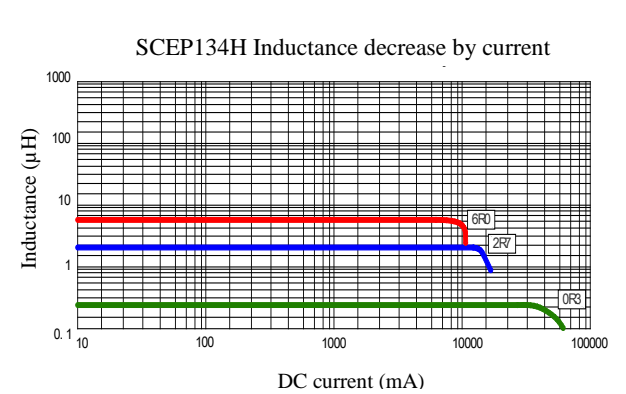
• Features

- 1 Excellent Power Density
- 2 Engineered to Provide High Efficiency



## ELECTRICAL CHARACTERISTICS

Part Number	Inductance (uH) (1)	Test Frequency	DC Resistance ( $\Omega$ MAX) (2)	Saturation Current <sup>(3)</sup> (A)	Temperature Current <sup>(4)</sup> (A)
SCEP134H-R30	0.3	100KHZ	2.5m	35.0	18.0
SCEP134H-R66	0.66	100KHZ	3.2m	29.6	17.0
SCEP134H-1R2	1.2	100KHZ	4.0m	21.0	15.0
SCEP134H-1R8	1.8	100KHZ	6.6m	17.6	13.6
SCEP134H-2R7	2.7	100KHZ	10.8m	14.7	12.0
SCEP134H-3R6	3.6	100KHZ	12.0m	12.5	10.0
SCEP134H-4R8	4.8	100KHZ	16.3m	11.0	9.0
SCEP134H-6R0	6.0	100KHZ	18.4m	9.6	8.0



- (1). Inductance tolerance for 0.3uH~0.66uH:  $\pm$ 30%, for 1.2uH~6.0uH:  $\pm$ 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.

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