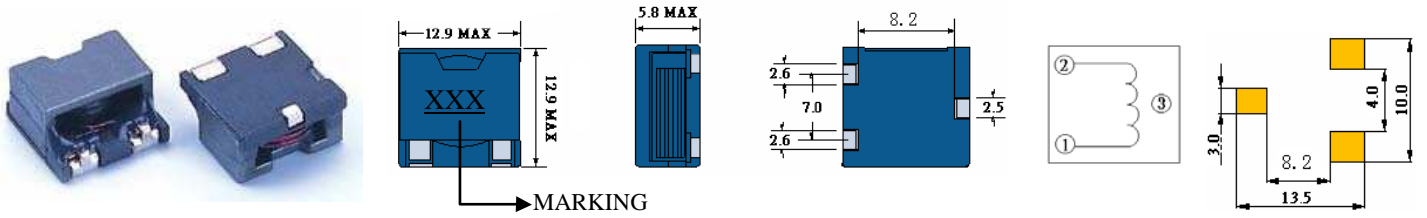


# SCEP125

## SMD POWER INDUCTORS



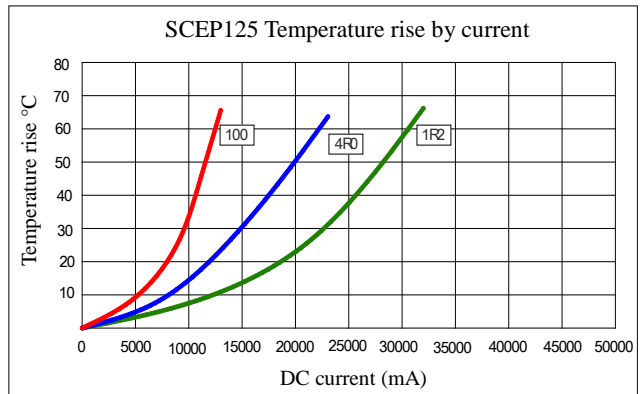
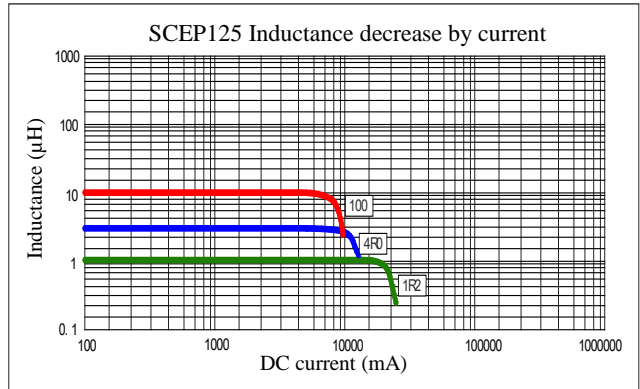
• Features

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

## ELECTRICAL CHARACTERISTICS



Part Number	Inductance (uH) (1)	Test Frequency	DC Resistance (Ω MAX) (2)	Saturation Current <sup>(3)</sup> (A)	Temperature Current <sup>(4)</sup> (A)
SCEP125-1R2	1.2	100KHZ	2.5m	17.0	21.0
SCEP125-1R5	1.5	100KHZ	2.5m	14.0	17.0
SCEP125-2R5	2.5	100KHZ	3.8m	10.0	15.0
SCEP125-4R0	4.0	100KHZ	5.4m	8.3	14.0
SCEP125-6R0	6.0	100KHZ	8.0m	6.7	12.0
SCEP125-8R2	8.2	100KHZ	11.4m	5.8	10.0
SCEP125-100	10	100KHZ	13.5m	5.0	9.00



- (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.

[Click here for QUANTITY PER REEL & PACKING INFORMATION](#)

**Custom versions available upon request.**



©2011 Signal Transformer –Specification subject to change without notice. 07.11  
 500 Bayview Avenue, Inwood, NY 11096  
 Toll Free 866-239-5777 • Tel 516-239-5777 • Fax 516-239-7208  
[Sales@signaltransformer.com](mailto:Sales@signaltransformer.com) • [techhelp@signaltransformer.com](mailto:techhelp@signaltransformer.com)