



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

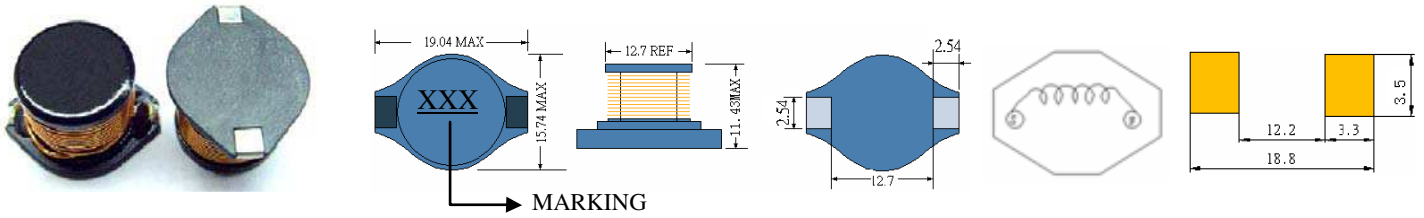
Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



SC5040F

SMD POWER INDUCTORS



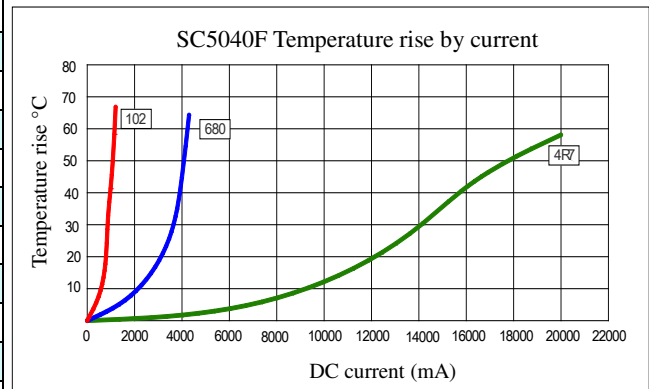
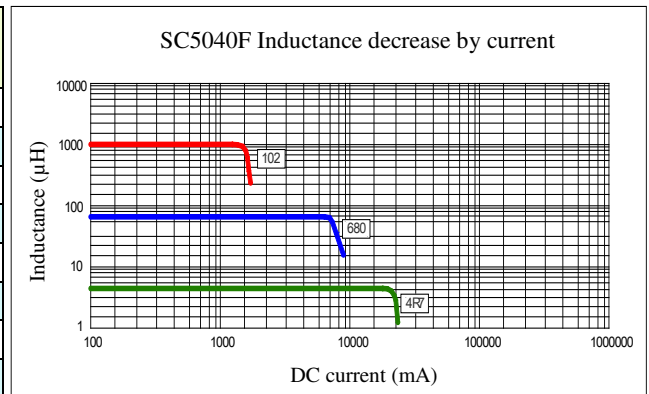
• Features

1. Open frame 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 ⁽³⁾ (A)	Temperature Current ⁽⁴⁾ (A)
SC5040F-4R7	4.7	100KHZ	8.5m	24.0	14.0
SC5040F-5R6	5.6	100KHZ	9.8m	20.3	12.5
SC5040F-6R8	6.8	100KHZ	11.5m	18.5	11.2
SC5040F-100	10	100KHZ	15.7m	16.7	9.50
SC5040F-150	15	100KHZ	23.5m	13.0	8.00
SC5040F-220	22	100KHZ	34.2m	10.6	6.50
SC5040F-330	33	100KHZ	51.2m	8.6	5.00
SC5040F-470	47	100KHZ	71.4m	7.0	4.00
SC5040F-680	68	100KHZ	100m	6.5	3.20
SC5040F-101	100	100KHZ	146m	5.0	2.80
SC5040F-151	150	100KHZ	216m	4.0	2.30
SC5040F-221	220	100KHZ	310m	3.3	1.80
SC5040F-331	330	100KHZ	450m	2.7	1.50
SC5040F-471	470	100KHZ	600m	2.2	1.20
SC5040F-681	680	100KHZ	890m	1.9	1.00
SC5040F-102	1000	100KHZ	1280m	1.5	0.88



- (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 10% 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.