



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

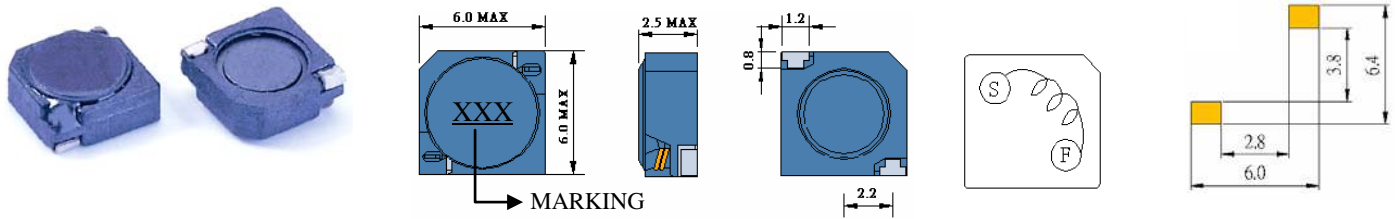
Email & Skype: info@chipsmall.com Web: www.chipsmall.com

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



# SCC5D23

## SMD POWER INDUCTORS



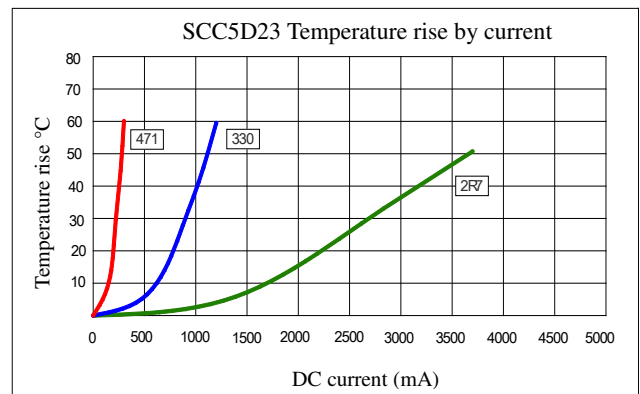
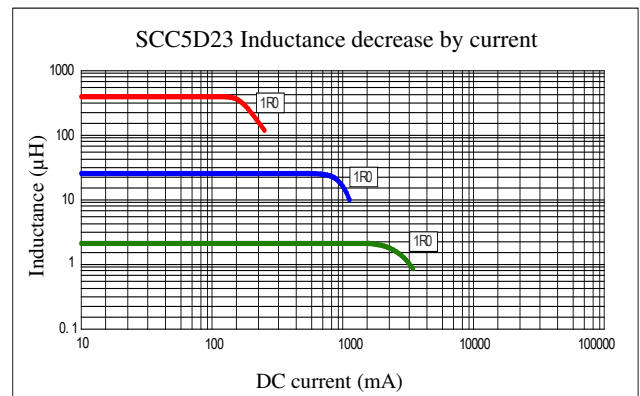
### • Features

1. Magnetically shielded construction – Low EMI
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 <sup>(3)</sup> (A)	Temperature Current <sup>(4)</sup> (A)
SCC5D23-2R7	2.7	100KHZ	44m	2.08	2.80
SCC5D23-3R3	3.3	100KHZ	49m	1.90	2.60
SCC5D23-3R9	3.9	100KHZ	56m	1.84	2.42
SCC5D23-4R7	4.7	100KHZ	62m	1.60	2.20
SCC5D23-5R6	5.6	100KHZ	78m	1.44	2.05
SCC5D23-6R8	6.8	100KHZ	91m	1.30	1.90
SCC5D23-8R2	8.2	100KHZ	103m	1.12	1.75
SCC5D23-100	10	100KHZ	133m	1.04	1.55
SCC5D23-120	12	100KHZ	148m	0.90	1.40
SCC5D23-150	15	100KHZ	166m	0.82	1.30
SCC5D23-180	18	100KHZ	213m	0.77	1.20
SCC5D23-220	22	100KHZ	248m	0.73	1.10
SCC5D23-270	27	100KHZ	328m	0.64	1.00
SCC5D23-330	33	100KHZ	378m	0.58	0.90
SCC5D23-390	39	100KHZ	438m	0.54	0.80
SCC5D23-470	47	100KHZ	546m	0.44	0.74
SCC5D23-560	56	100KHZ	621m	0.43	0.64
SCC5D23-680	68	100KHZ	715m	0.41	0.62
SCC5D23-820	82	100KHZ	1.00	0.35	0.58
SCC5D23-101	100	100KHZ	1.07	0.33	0.48
SCC5D23-121	120	100KHZ	1.25	0.32	0.44
SCC5D23-151	150	100KHZ	1.66	0.26	0.40
SCC5D23-181	180	100KHZ	1.90	0.23	0.37
SCC5D23-221	220	100KHZ	2.44	0.21	0.35
SCC5D23-271	270	100KHZ	2.73	0.19	0.32
SCC5D23-331	330	100KHZ	3.72	0.18	0.26
SCC5D23-391	390	100KHZ	4.06	0.17	0.24
SCC5D23-471	470	100KHZ	4.78	0.165	0.21



- (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.