



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

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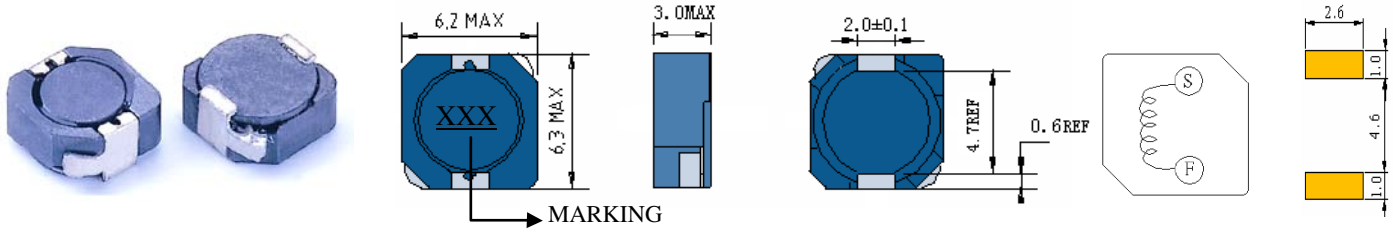
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SCRH5D28R

SMD POWER INDUCTORS



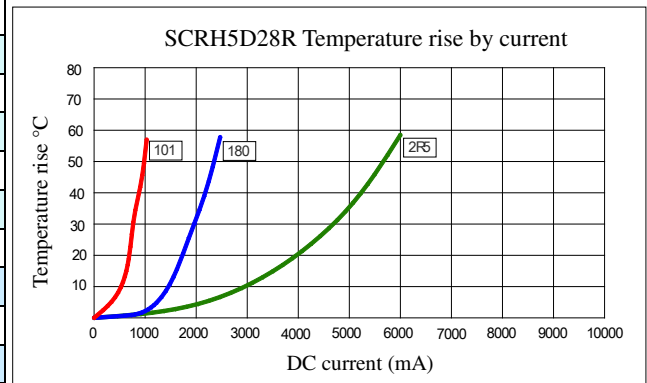
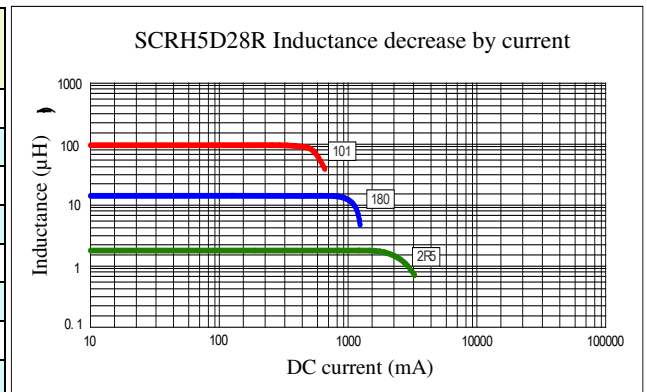
• Features

1. Magnetically shielded construction
2. Excellent Power Density
3. Engineered to Provide High Efficiency



CHARACTERISTICS

Part Number	Inductance (uH) (1)	Test Frequency	DC Resistance (Ω MAX) (2)	Saturation Current ⁽³⁾ (A)	Temperature Current ⁽⁴⁾ (A)
SCRH5D28R-2R5	2.5	100KHZ	17.6m	2.60	4.40
SCRH5D28R-3R3	3.3	100KHZ	20.3m	2.30	4.18
SCRH5D28R-4R0	4.0	100KHZ	27.0m	2.10	3.96
SCRH5D28R-5R0	5.0	100KHZ	31.1m	1.85	3.38
SCRH5D28R-6R0	6.0	100KHZ	41.9m	1.70	3.00
SCRH5D28R-8R0	8.0	100KHZ	49.9m	1.50	2.70
SCRH5D28R-100	10	100KHZ	54.0m	1.30	2.43
SCRH5D28R-120	12	100KHZ	71.6m	1.20	2.18
SCRH5D28R-150	15	100KHZ	82.4m	1.10	1.96
SCRH5D28R-180	18	100KHZ	101.5m	1.05	1.76
SCRH5D28R-220	22	100KHZ	119.0m	0.95	1.58
SCRH5D28R-270	27	100KHZ	146.0m	0.85	1.50
SCRH5D28R-330	33	100KHZ	182.5m	0.76	1.35
SCRH5D28R-390	39	100KHZ	209.5m	0.68	1.21
SCRH5D28R-470	47	100KHZ	229.5m	0.60	1.15
SCRH5D28R-560	56	100KHZ	305.0m	0.55	1.03
SCRH5D28R-680	68	100KHZ	351.0m	0.48	0.94
SCRH5D28R-820	82	100KHZ	418.5m	0.45	0.85
SCRH5D28R-101	100	100KHZ	520.0m	0.40	0.78



- (1). Inductance tolerance $\pm 30\%$ tested at 0.25V, 0ADC and 25°C
- (2). DCR measured at 25°C.
- (3). The DC current at which the inductance decreases by 35% 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.