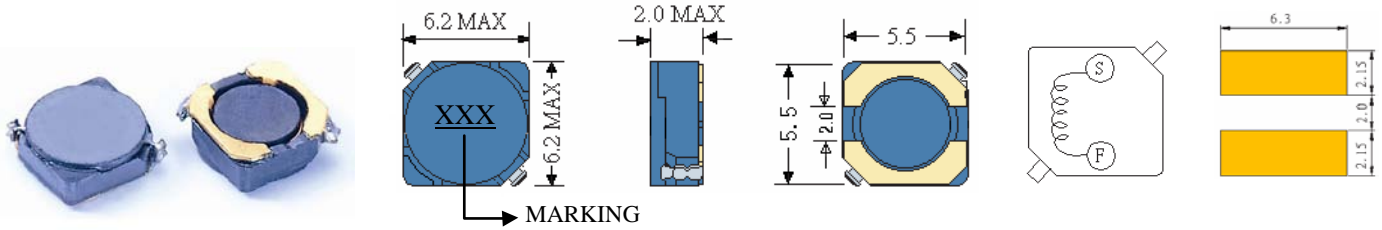


# SCRH5D18

## SMD POWER INDUCTORS



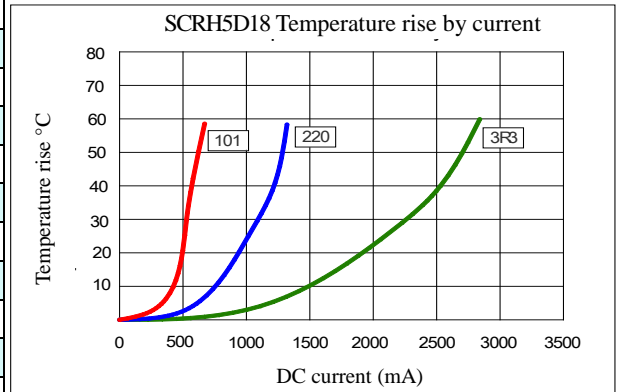
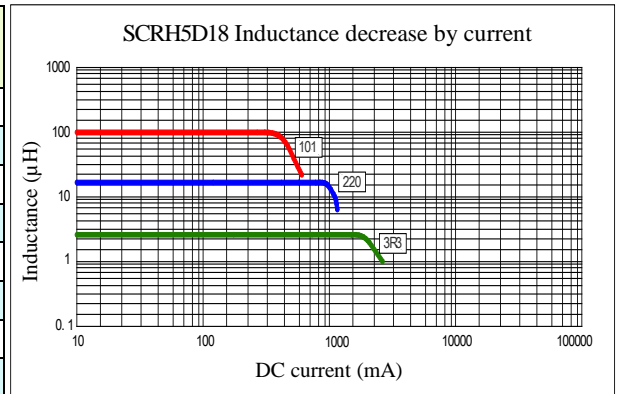
### • Features

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)
SCRH5D18-3R3	3.3	10KHZ	50m	2.15	2.15
SCRH5D18-4R1	4.1	10KHZ	57m	1.95	1.95
SCRH5D18-5R4	5.4	10KHZ	76m	1.60	1.85
SCRH5D18-6R2	6.2	10KHZ	96m	1.40	1.75
SCRH5D18-8R9	8.9	10KHZ	116m	1.25	1.57
SCRH5D18-100	10	10KHZ	124m	1.20	1.41
SCRH5D18-120	12	10KHZ	153m	1.10	1.37
SCRH5D18-150	15	10KHZ	196m	0.97	1.34
SCRH5D18-180	18	10KHZ	210m	0.85	1.10
SCRH5D18-220	22	10KHZ	290m	0.80	1.00
SCRH5D18-270	27	10KHZ	330m	0.75	0.90
SCRH5D18-330	33	10KHZ	386m	0.65	0.81
SCRH5D18-390	39	10KHZ	520 m	0.57	0.77
SCRH5D18-470	47	10KHZ	595m	0.54	0.73
SCRH5D18-560	56	10KHZ	665m	0.50	0.65
SCRH5D18-680	68	10KHZ	840m	0.43	0.62
SCRH5D18-820	82	10KHZ	978m	0.41	0.55
SCRH5D18-101	100	10KHZ	1.20	0.36	0.50



- (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.