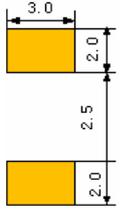
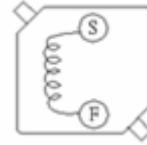
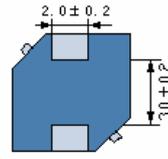
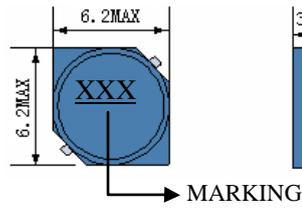


SCB63C

SMD POWER INDUCTORS



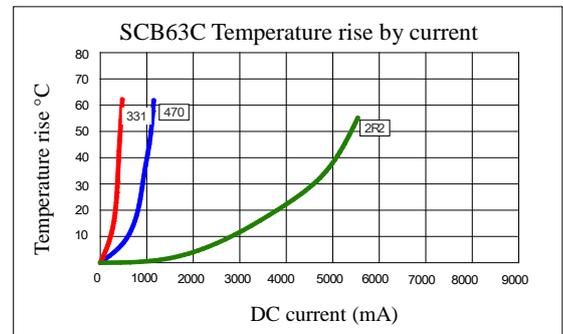
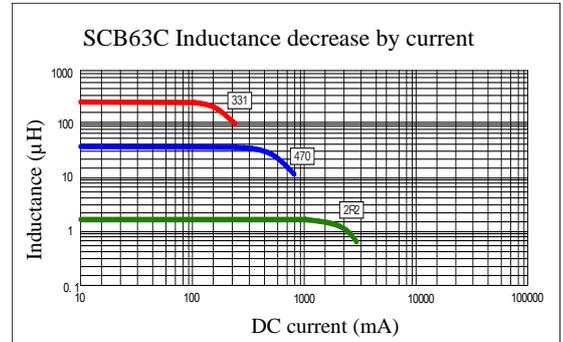
• Features

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

CHARACTERISTICS



Part Number 料號	Inductance (uH) (1)	Test Frequency	DC Resistance (Ω MAX) (2)	Saturation Current (A)	Temperature Current (A) (4)
SCB63C-2R2	2.2	1KHZ	39m	1.60	3.80
SCB63C-3R3	3.3	1KHZ	49m	1.40	3.00
SCB63C-4R7	4.7	1KHZ	63m	1.15	2.70
SCB63C-6R8	6.8	1KHZ	75m	0.90	2.40
SCB63C-100	10	1KHZ	94m	0.80	2.00
SCB63C-120	12	1KHZ	115m	0.60	1.80
SCB63C-150	15	1KHZ	135m	0.59	1.62
SCB63C-180	18	1KHZ	152m	0.57	1.45
SCB63C-220	22	1KHZ	191m	0.53	1.30
SCB63C-270	27	1KHZ	214m	0.44	1.17
SCB63C-330	33	1KHZ	259m	0.42	1.12
SCB63C-390	39	1KHZ	299m	0.33	1.00
SCB63C-470	47	1KHZ	356m	0.32	0.95
SCB63C-560	56	1KHZ	401m	0.30	0.90
SCB63C-680	68	1KHZ	473m	0.27	0.80
SCB63C-820	82	1KHZ	572m	0.25	0.70
SCB63C-101	100	1KHZ	670m	0.24	0.63
SCB63C-121	120	1KHZ	860m	0.23	0.56
SCB63C-151	150	1KHZ	990m	0.20	0.53
SCB63C-181	180	1KHZ	1.27	0.14	0.48
SCB63C-221	220	1KHZ	1.80	0.13	0.41
SCB63C-271	270	1KHZ	1.96	0.12	0.36
SCB63C-331	330	1KHZ	2.32	0.11	0.34



- (1). Inductance tolerance for 2.2uH~6.8uH: $\pm 30\%$, for 10uH~330uH: $\pm 20\%$. 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.

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Custom versions available upon request.