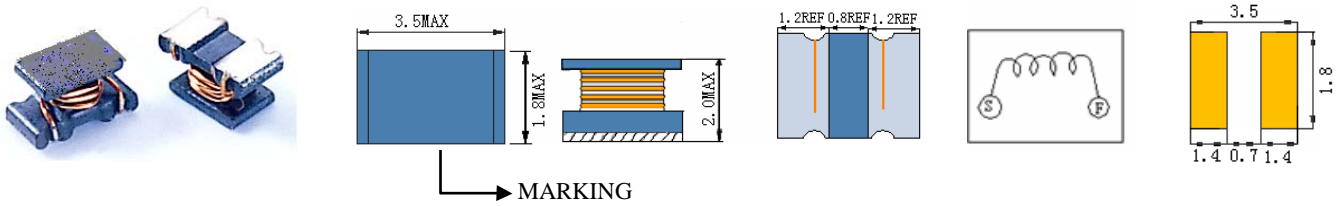


SMD POWER INDUCTORS



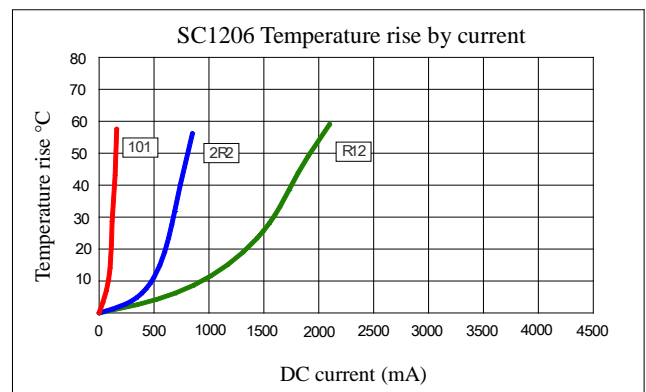
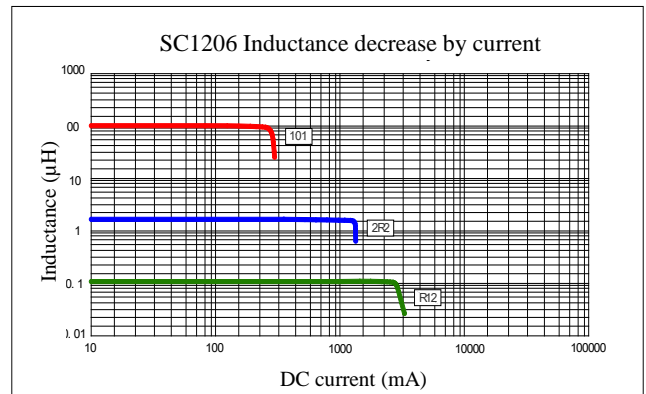
• Features

1. Open frame construction.
2. Low DCR
3. Excellent Power Density
4. 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)
SC1206-R12	0.12	1MHZ	112m	0.97	1.60
SC1206-R22	0.22	1MHZ	140m	0.85	1.35
SC1206-R47	0.47	1MHZ	210m	0.70	1.08
SC1206-1R0	1.0	1MHZ	364m	0.51	0.78
SC1206-2R2	2.2	1MHZ	533m	0.43	0.66
SC1206-4R7	4.7	1MHZ	845m	0.34	0.58
SC1206-100	10	1MHZ	1.69	0.23	0.40
SC1206-220	22	1MHZ	3.90	0.16	0.25
SC1206-470	47	1MHZ	10.40	0.10	0.15
SC1206-101	100	1MHZ	15.60	0.08	0.12



- (1). Inductance tolerance for 0.12uH~0.47uH: $\pm 30\%$, for 1.0uH~4.7uH: $\pm 20\%$, for 10uH~100uH: $\pm 10\%$. 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.

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