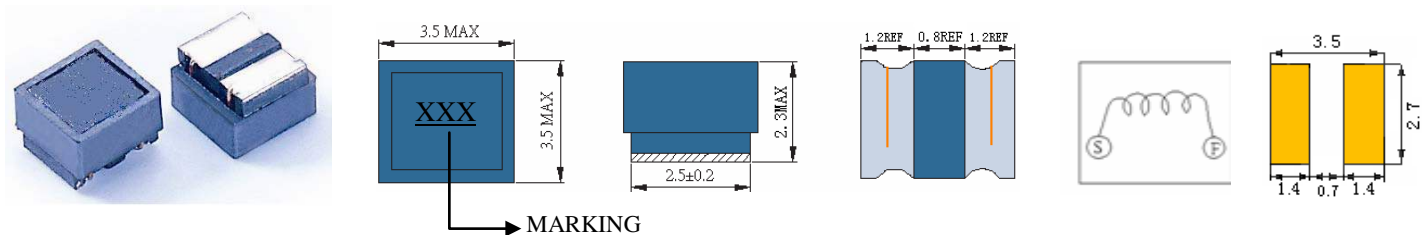


SC1212

SMD POWER INDUCTORS



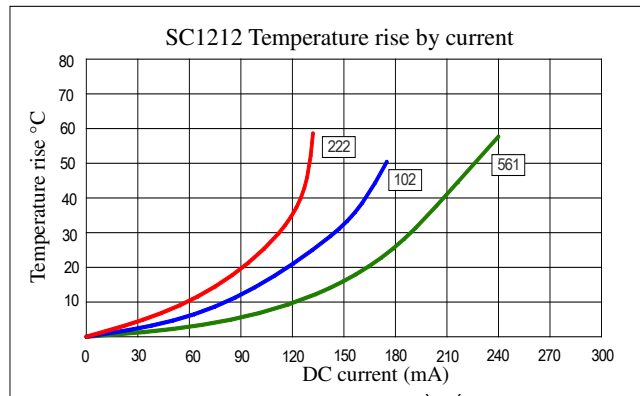
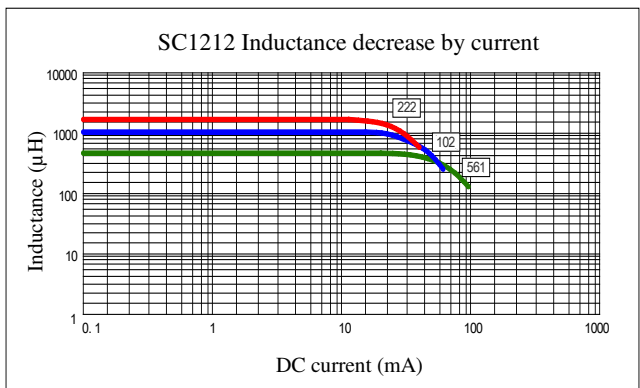
• Features

1. Magnetically shielded construction
2. Low DCR
3. Small size
4. Excellent Power Density
5. Engineered to Provide High Efficiency



ELECTRICAL CHARACTERISTICS

Part Number	Inductance (uH) (1)	Test Frequency	DC Resistance (Ω MAX) (2)	Saturation Current ⁽³⁾ (mA)	Temperature Current ⁽⁴⁾ (mA)
SC1212-561	560	1KHZ	8.0	41	190
SC1212-681	680	1KHZ	9.0	37	175
SC1212-102	1000	1KHZ	12.0	30	145
SC1212-152	1500	1KHZ	15.0	25	130
SC1212-222	2200	1KHZ	23.5	20	110



(1). Inductance tolerance ±30% tested at 1.0V, 0ADC and 25°C
 (2). DCR measured at 25°C.
 (3). The DC current at which the inductance decreases by 30% 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.