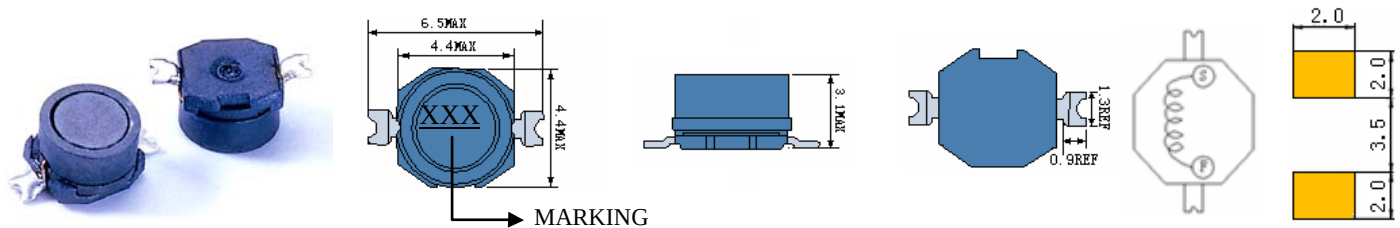


SC3DM

SMD POWER INDUCTORS

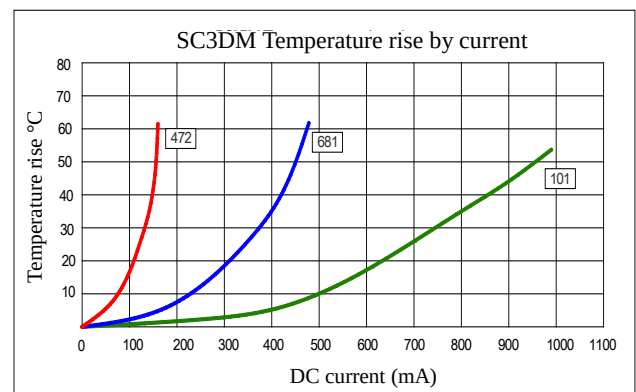
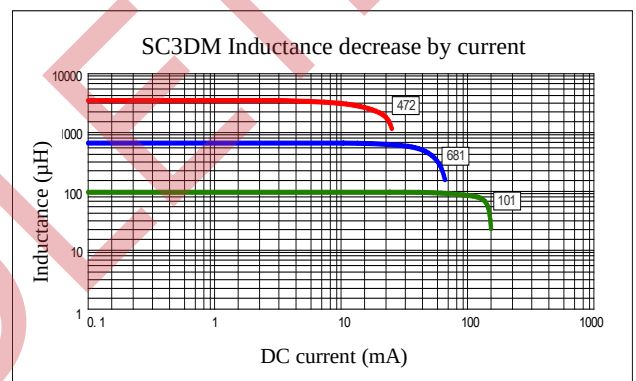


• Features

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

ELECTRICAL CHARACTERISTICS

Part Number	Inductance (uH) (1)	Test Frequency	DC Resistance (Ω MAX) (2)	Saturation Current (A) (3)	Temperature Current (A) (4)
SC3DM-101	100	100KHZ	0.65	0.032	0.80
SC3DM-151	150	100KHZ	0.80	0.028	0.68
SC3DM-221	220	100KHZ	1.10	0.022	0.60
SC3DM-331	330	100KHZ	1.30	0.016	0.50
SC3DM-471	470	100KHZ	1.90	0.014	0.42
SC3DM-681	680	100KHZ	2.50	0.011	0.35
SC3DM-102	1000	100KHZ	3.40	0.009	0.27
SC3DM-152	1500	100KHZ	6.00	0.008	0.22
SC3DM-222	2200	100KHZ	9.20	0.007	0.17
SC3DM-332	3300	100KHZ	11.5	0.005	0.14
SC3DM-472	4700	100KHZ	18.1	0.004	0.12



- (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 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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