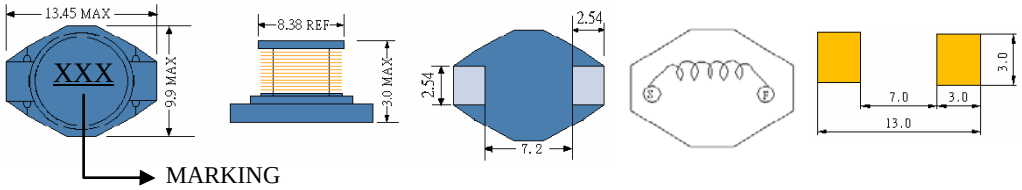
SC3308F

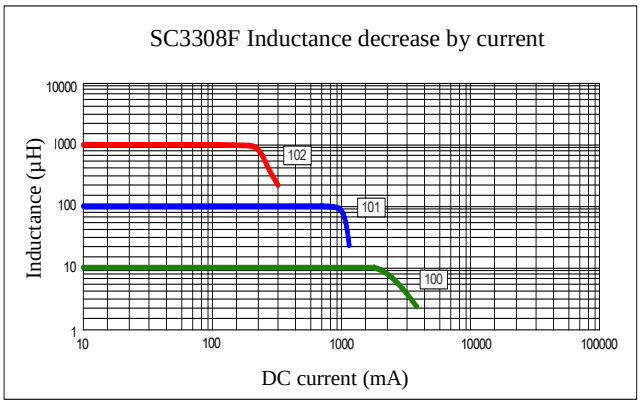
SMD POWER INDUCTORS

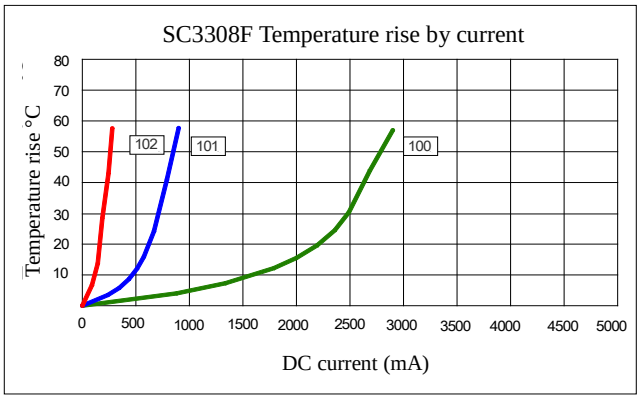


● Features
1. Open frame construction
2 Excellent Power Density
3 Engineered to Provide High Efficiency

ELECTRICAL CHARACTERISTICS

Part Number	Inductance (uH) (1)	Test Frequency	DC Resistance (Ω MAX) (2)	Saturation Current (3) (A)	Temperature Current (4) (A)
SC3308F-100	10	100KHZ	0.11	2.4	2.48
SC3308F-150	15	100KHZ	0.15	2.0	2.10
SC3308F-220	22	100KHZ	0.23	1.6	1.64
SC3308F-330	33	100KHZ	0.30	1.4	1.30
SC3308F-470	47	100KHZ	0.39	1.0	1.00
SC3308F-680	68	100KHZ	0.66	0.9	0.82
SC3308F-101	100	100KHZ	0.84	0.7	0.70
SC3308F-151	150	100KHZ	1.2	0.6	0.62
SC3308F-221	220	100KHZ	1.9	0.5	0.48
SC3308F-331	330	100KHZ	2.7	0.4	0.38
SC3308F-471	470	100KHZ	4.0	0.3	0.28
SC3308F-681	680	100KHZ	5.3	0.2	0.24
SC3308F-102	1000	100KHZ	8.4	0.1	0.18





(1). Inductance tolerance±20% tested at 0.25V, 0ADC and 25℃.
(2). DCR measured at 25℃.
(3). The DC current at which the inductance decreases by 10% from its initial value.

(4). The DC current that results in a 40℃ temperature rise from 25℃ ambient.

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