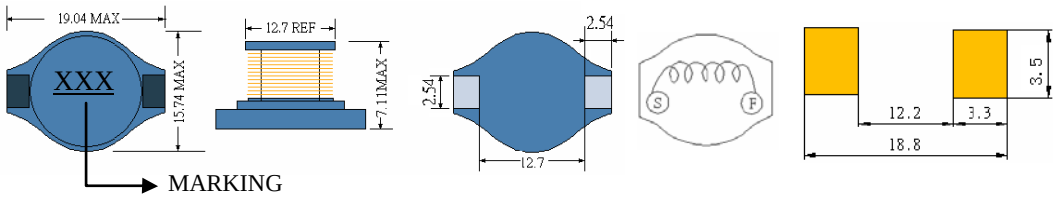
SC5022F

SMD POWER INDUCTORS



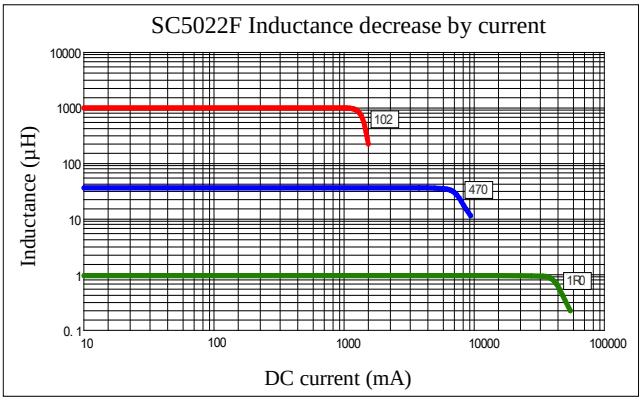


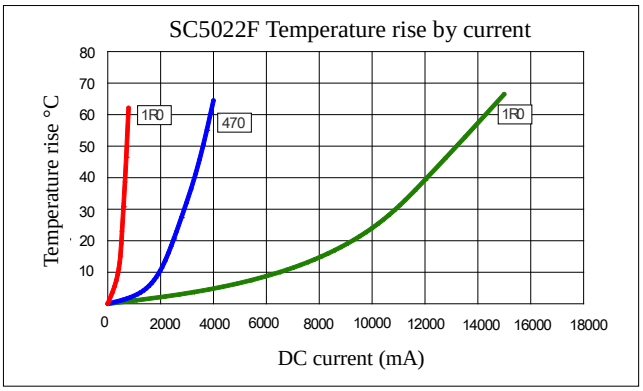
● Features

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)
SC5022F-1R0	1.0	100KHZ	9m	20.0	10.5
SC5022F-2R2	2.2	100KHZ	14m	16.0	9.00
SC5022F-3R3	3.3	100KHZ	15m	14.0	8.00
SC5022F-4R7	4.7	100KHZ	19m	13.0	7.10
SC5022F-5R6	5.6	100KHZ	20m	12.0	6.30
SC5022F-6R8	6.8	100KHZ	25m	11.5	5.60
SC5022F-100	10	100KHZ	31m	10.0	5.20
SC5022F-150	15	100KHZ	36m	8.0	4.50
SC5022F-220	22	100KHZ	47m	7.0	3.90
SC5022F-330	33	100KHZ	66m	5.5	3.30
SC5022F-470	47	100KHZ	86m	4.5	2.80
SC5022F-680	68	100KHZ	0.13	3.5	2.36
SC5022F-101	100	100KHZ	0.19	3.0	1.95
SC5022F-151	150	100KHZ	0.25	2.6	1.60
SC5022F-221	220	100KHZ	0.38	2.4	1.20
SC5022F-331	330	100KHZ	0.56	1.9	1.00
SC5022F-471	470	100KHZ	0.85	1.4	0.80
SC5022F-681	680	100KHZ	1.24	1.2	0.68
SC5022F-102	1000	100KHZ	1.80	1.0	0.58





(1). Inductance tolerance for 1.0uH~3.3uH: ±30%, for 4.7uH~1000uH: ±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.

Click here for QUANTITY PER REEL & PACKING INFORMATION

Custom versions available upon request.

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