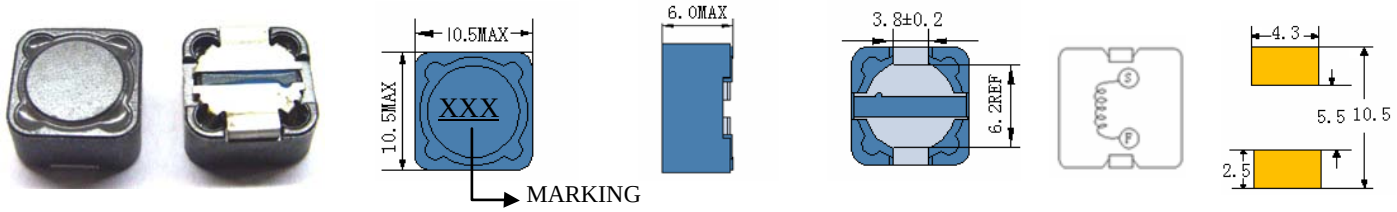
SCRH105A

SMD POWER INDUCTORS



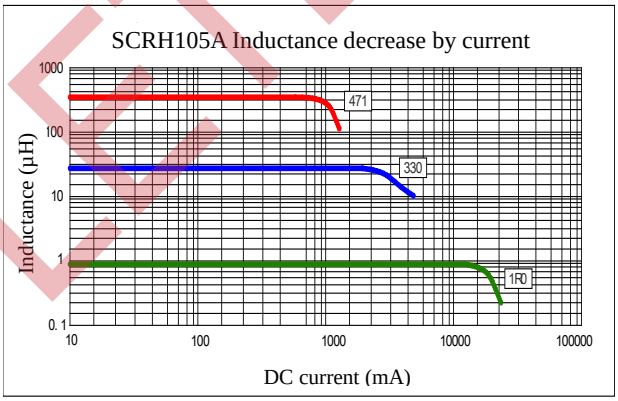
● Features

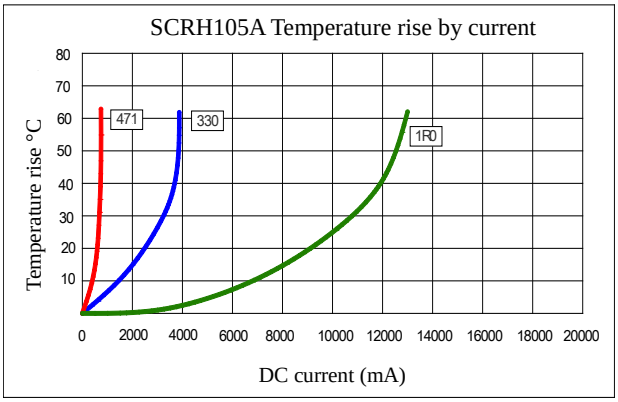
1. Magnetically shielded construction
2 Excellent Power Density
3 Engineered to Provide High Efficiency

OBSOLETE

ELECTRICAL CHARACTERISTICS

Part Number	Inductance (uH) (1)	Test Frequency	DC Resistance (Ω MAX) (2)	Saturation Current (3) (A)	Temperature Current (4) (A)
SCRH105A-1R0	1.0	100KHZ	6m	15.0	10.0
SCRH105A-2R5	2.5	100KHZ	11m	9.6	9.00
SCRH105A-3R3	3.3	100KHZ	15m	8.1	8.00
SCRH105A-47R	4.7	100KHZ	17m	6.5	7.20
SCRH105A-5R6	5.6	100KHZ	21m	6.2	6.00
SCRH105A-6R8	6.8	100KHZ	26m	5.5	5.40
SCRH105A-8R2	8.2	100KHZ	30m	5.0	4.86
SCRH105A-100	10	100KHZ	38m	4.6	4.62
SCRH105A-120	12	100KHZ	39m	4.2	4.38
SCRH105A-150	15	100KHZ	52m	3.6	4.29
SCRH105A-180	18	100KHZ	58m	3.4	4.16
SCRH105A-220	22	100KHZ	70m	3.0	3.95
SCRH105A-270	27	100KHZ	90m	2.8	3.20
SCRH105A-330	33	100KHZ	110m	2.6	3.00
SCRH105A-390	39	100KHZ	130m	2.3	2.60
SCRH105A-470	47	100KHZ	147m	2.1	2.47
SCRH105A-560	56	100KHZ	185m	2.0	2.22
SCRH105A-680	68	100KHZ	225m	1.8	2.11
SCRH105A-820	82	100KHZ	286m	1.6	1.90
SCRH105A-101	100	100KHZ	322m	1.4	1.60
SCRH105A-121	120	100KHZ	425m	1.3	1.30
SCRH105A-151	150	100KHZ	510m	1.2	1.17
SCRH105A-181	180	100KHZ	690m	1.1	1.05
SCRH105A-221	220	100KHZ	735m	1.0	0.99
SCRH105A-271	270	100KHZ	935m	0.86	0.94
SCRH105A-331	330	100KHZ	1.06	0.75	0.85
SCRH105A-391	390	100KHZ	1.36	0.70	0.77
SCRH105A-471	470	100KHZ	1.46	0.60	0.69





(1). Inductance tolerance for 1.0uH~8.2uH: ±30%, for 10uH~470uH: ±20%. Tested at 0.25V, 0ADC and 25℃

(2). DCR measured at 25℃.

(3). The DC current at which the inductance decreases by 25% from its initial value.

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

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Custom versions available upon request.

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