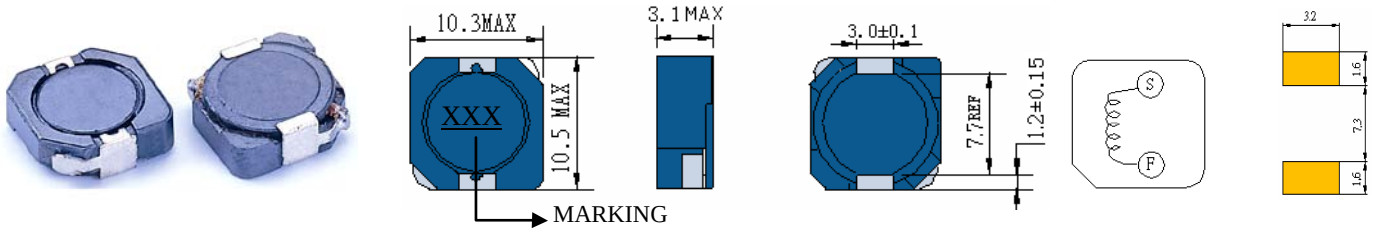
SCRH1035R

SMD POWER INDUCTORS



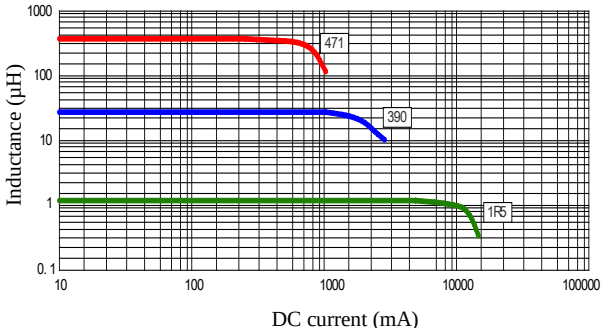
● Features

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

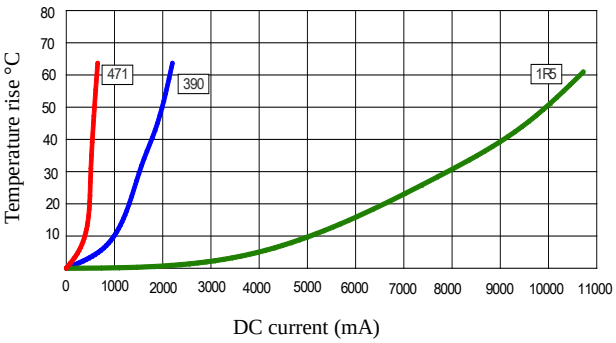
ELECTRICAL CHARACTERISTICS

Part Number	Inductance (uH) (1)	Test Frequency	DC Resistance (Ω MAX) (2)	Saturation Current (A)	Temperature Current (3) (4) (A)
SCRH1035R-1R5	1.5	100KHZ	10m	8.10	7.69
SCRH1035R-2R2	2.2	100KHZ	15m	8.00	7.60
SCRH1035R-3R3	3.3	100KHZ	20m	7.00	7.00
SCRH1035R-4R7	4.7	100KHZ	30m	4.10	4.10
SCRH1035R-5R6	5.6	100KHZ	33m	4.00	4.00
SCRH1035R-6R8	6.8	100KHZ	41m	3.80	3.80
SCRH1035R-100	10	100KHZ	69m	3.40	3.00
SCRH1035R-120	12	100KHZ	82m	3.20	2.85
SCRH1035R-150	15	100KHZ	94m	2.70	2.70
SCRH1035R-180	18	100KHZ	104m	2.60	2.40
SCRH1035R-220	22	100KHZ	119m	2.56	2.20
SCRH1035R-270	27	100KHZ	137m	2.00	1.80
SCRH1035R-330	33	100KHZ	162m	1.90	1.70
SCRH1035R-390	39	100KHZ	184m	1.60	1.60
SCRH1035R-470	47	100KHZ	218m	1.40	1.52
SCRH1035R-560	56	100KHZ	248m	1.35	1.35
SCRH1035R-680	68	100KHZ	268m	1.30	1.30
SCRH1035R-820	82	100KHZ	337m	1.28	1.28
SCRH1035R-101	100	100KHZ	450m	1.20	1.08
SCRH1035R-121	120	100KHZ	504m	1.10	1.00
SCRH1035R-151	150	100KHZ	637m	0.90	0.81
SCRH1035R-181	180	100KHZ	760m	0.85	0.77
SCRH1035R-221	220	100KHZ	880m	0.70	0.73
SCRH1035R-271	270	100KHZ	1.19	0.65	0.60
SCRH1035R-331	330	100KHZ	1.48	0.60	0.51
SCRH1035R-391	390	100KHZ	1.79	0.58	0.45
SCRH1035R-471	470	100KHZ	2.22	0.50	0.50

SCRH1035R Inductance decrease by current



SCRH1035R Temperature rise by current



(1). Inductance tolerance ±30% tested at 0.25V, 0ADC and 25℃
(2). DCR measured at 25℃.
(3). The DC current at which the inductance decreases by 35% from its initial value.
(4). The DC current that results in a 40℃ temperature rise from 25℃ambient.

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