# SCRH74

SMD POWER INDUCTORS


→ MARKING
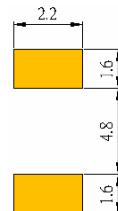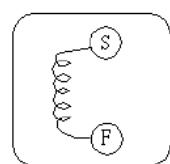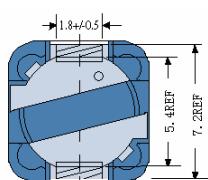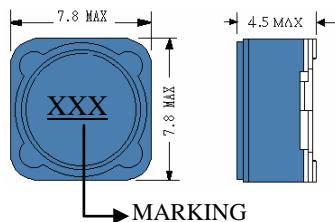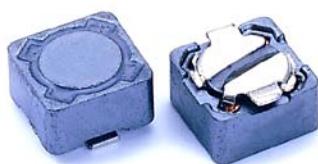
● Features
1. Magnetically shielded construction
2 Excellent Power Density
3 Engineered to Provide High Efficiency

ELECTRICAL CHARACTERISTICS

Part Number	Inductance (uH) (1)	Test Frequency	DC Resistance (Ω MAX) (2)	Saturation Current (3) (A)	Temperature Current (4) (A)
SCRH74-100	10	1KHZ	53m	1.84	2.40
SCRH74-120	12	1KHZ	58m	1.71	2.21
SCRH74-150	15	1KHZ	81m	1.47	2.09
SCRH74-180	18	1KHZ	91m	1.31	1.81
SCRH74-220	22	1KHZ	0.11	1.23	1.73
SCRH74-270	27	1KHZ	0.15	1.12	1.60
SCRH74-330	33	1KHZ	0.17	0.96	1.36
SCRH74-390	39	1KHZ	0.23	0.91	1.26
SCRH74-470	47	1KHZ	0.26	0.88	1.18
SCRH74-560	56	1KHZ	0.35	0.75	1.05
SCRH74-680	68	1KHZ	0.38	0.69	1.04
SCRH74-820	82	1KHZ	0.43	0.61	0.91
SCRH74-101	100	1KHZ	0.61	0.60	0.75
SCRH74-121	120	1KHZ	0.66	0.52	0.70
SCRH74-151	150	1KHZ	0.88	0.46	0.65
SCRH74-181	180	1KHZ	0.98	0.42	0.60
SCRH74-221	220	1KHZ	1.17	0.36	0.55
SCRH74-271	270	1KHZ	1.64	0.34	0.55
SCRH74-331	330	1KHZ	1.86	0.32	0.47
SCRH74-391	390	1KHZ	2.85	0.29	0.42
SCRH74-471	470	1KHZ	3.01	0.26	0.38
SCRH74-561	560	1KHZ	3.62	0.23	0.32
SCRH74-681	680	1KHZ	4.63	0.22	0.30
SCRH74-821	820	1KHZ	5.20	0.20	0.25
SCRH74-102	1000	1KHZ	6.00	0.18	0.25

SCRH74 Inductance decrease by current

SCRH74 Temperature rise by current
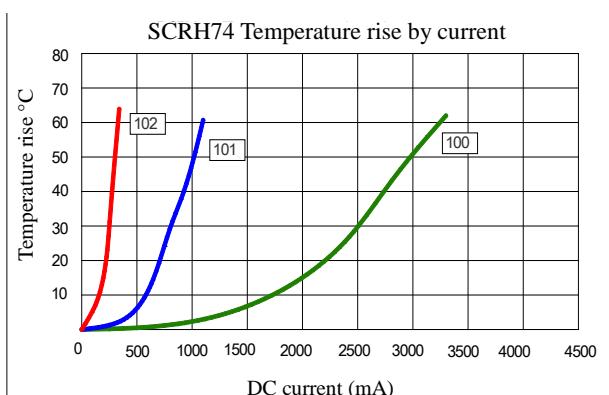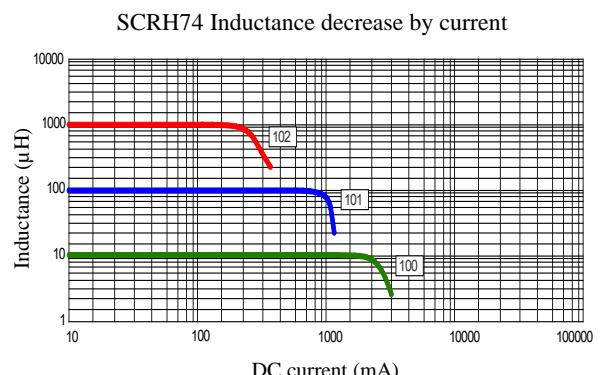
(1). Inductance tolerance ±20% tested at 0.25V, 0ADC and 25℃

(2). DCR measured at 25℃.

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

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

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