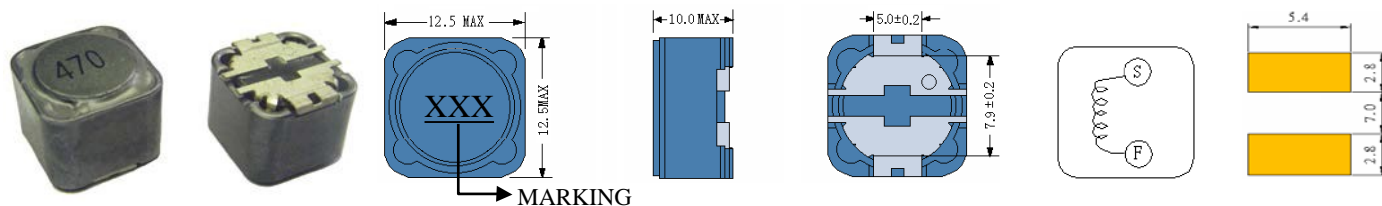


# SCRH129

## SMD POWER INDUCTORS



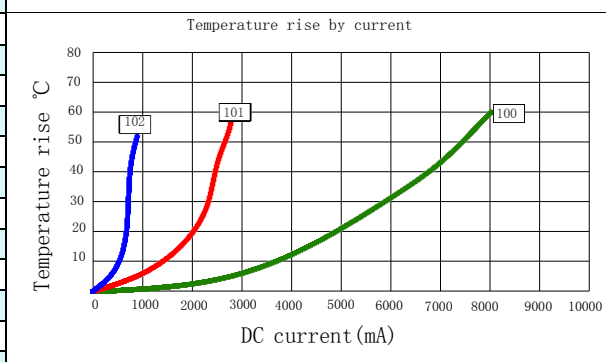
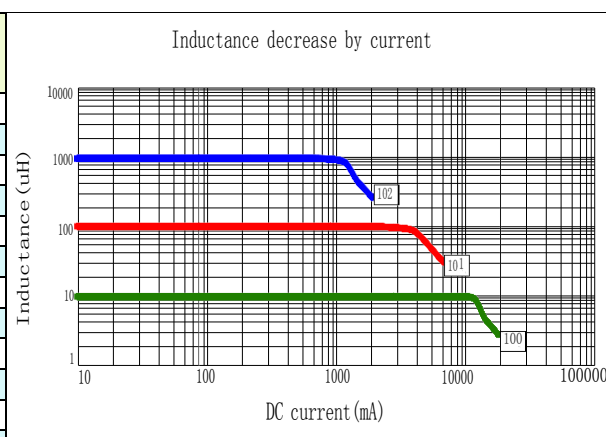
### • Features

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 (3) (A)	Temperature Current (4) (A)
SCRH129-100	10	1KHZ	21m	8.5	6.00
SCRH129-120	12	1KHZ	22m	8.0	5.40
SCRH129-150	15	1KHZ	27m	7.5	5.00
SCRH129-180	18	1KHZ	31.5m	6.8	4.61
SCRH129-220	22	1KHZ	39m	6.5	4.38
SCRH129-270	27	1KHZ	49.5m	5.0	4.16
SCRH129-330	33	1KHZ	63m	4.8	3.80
SCRH129-470	47	1KHZ	80m	4.0	3.42
SCRH129-560	56	1KHZ	90m	3.8	3.00
SCRH129-680	68	1KHZ	100m	3.2	2.70
SCRH129-820	82	1KHZ	127m	3.0	2.43
SCRH129-101	100	1KHZ	156m	2.5	2.30
SCRH129-121	120	1KHZ	183m	2.2	2.20
SCRH129-151	150	1KHZ	223m	2.0	2.10
SCRH129-181	180	1KHZ	274m	1.9	1.80
SCRH129-221	220	1KHZ	361m	1.8	1.53
SCRH129-271	270	1KHZ	418m	1.5	1.40
SCRH129-331	330	1KHZ	495m	1.3	1.30
SCRH129-391	390	1KHZ	556m	1.2	1.23
SCRH129-471	470	1KHZ	742m	1.1	1.10
SCRH129-561	560	1KHZ	872m	1.0	1.00
SCRH129-681	680	1KHZ	1.11	0.9	0.85
SCRH129-821	820	1KHZ	1.22	0.8	0.76
SCRH129-102	1000	1KHZ	1.34	0.7	0.72



- (1). Inductance tolerance  $\pm 20\%$  tested at 0.25V, 0ADC and 25°C ambient.
- (2). DCR measured at 25°C ambient.
- (3). The DC current at which the inductance decreases by 25% from its initial value.
- (4). The DC current that results in a 40°C temperature rise from 25°C ambient.
- (5). Operating temperature range -40°C to +125°C.

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