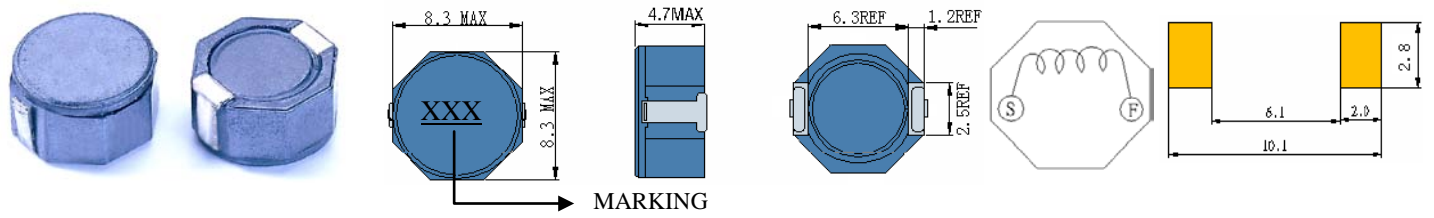


# SCRH8D43

## SMD POWER INDUCTORS



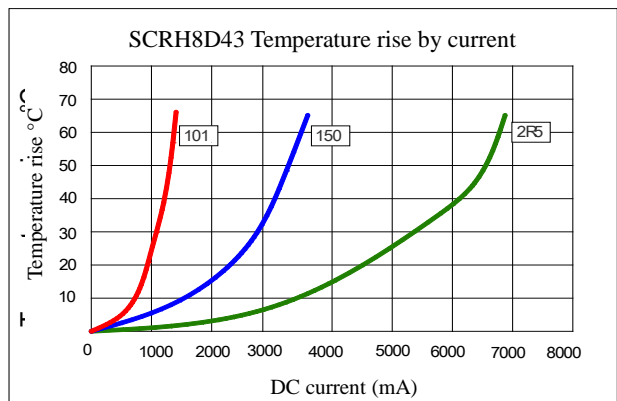
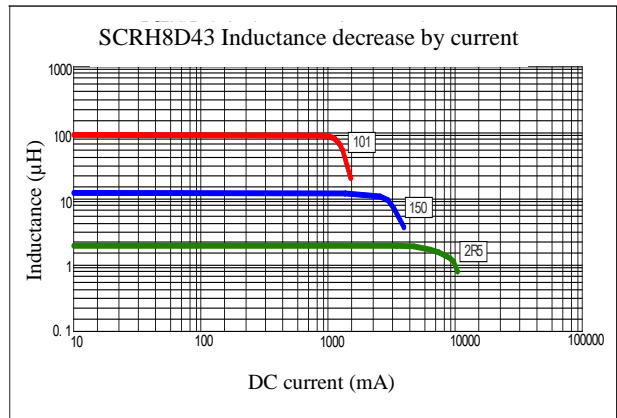
• Features

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) (3)	Temperature Current (A) (4)
SCRH8D43-2R5	2.5	100KHZ	17m	6.4	5.70
SCRH8D43-3R9	3.3	100KHZ	19m	5.0	5.00
SCRH8D43-4R7	4.7	100KHZ	22m	4.6	4.60
SCRH8D43-6R8	6.8	100KHZ	28m	4.2	3.90
SCRH8D43-100	10	100KHZ	36m	3.6	3.50
SCRH8D43-150	15	100KHZ	53m	2.6	2.70
SCRH8D43-220	22	100KHZ	75m	2.1	2.43
SCRH8D43-330	33	100KHZ	125m	1.6	1.76
SCRH8D43-470	47	100KHZ	150m	1.4	1.58
SCRH8D43-680	68	100KHZ	240m	1.2	1.42
SCRH8D43-101	100	100KHZ	360m	0.9	0.99



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

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Custom versions available upon request.