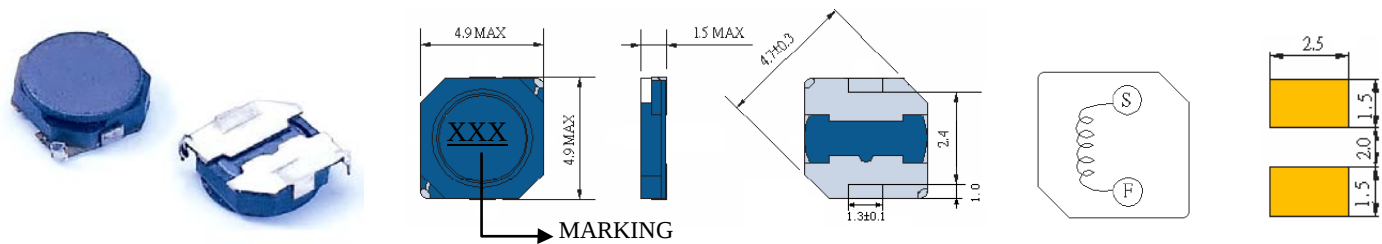


SCRH4D14R

SMD POWER INDUCTORS



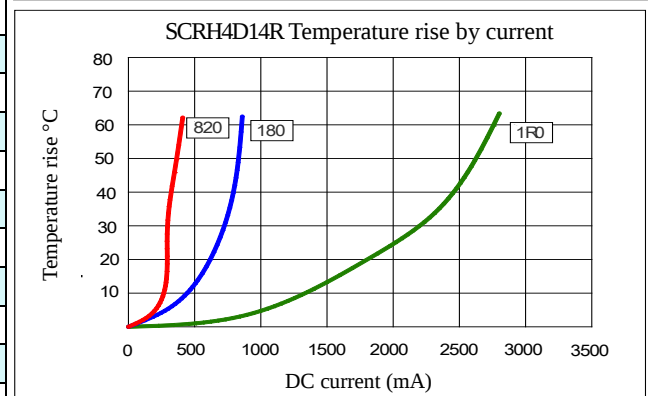
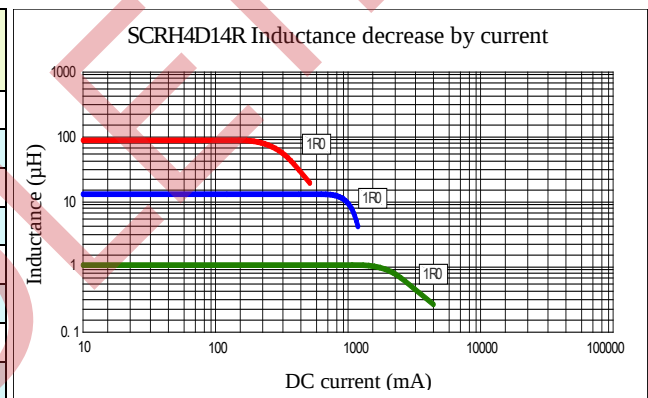
• Features

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)
SCRH4D14R-1R0	1.0	100KHZ	58m	1.50	1.80
SCRH4D14R-2R2	2.2	100KHZ	75m	1.20	1.70
SCRH4D14R-3R3	3.3	100KHZ	120m	0.90	1.45
SCRH4D14R-4R7	4.7	100KHZ	165m	0.75	1.23
SCRH4D14R-5R6	5.6	100KHZ	186m	0.70	1.10
SCRH4D14R-6R8	6.8	100KHZ	195m	0.62	1.00
SCRH4D14R-8R2	8.2	100KHZ	210m	0.61	0.89
SCRH4D14R-100	10	100KHZ	285m	0.60	0.84
SCRH4D14R-120	12	100KHZ	360m	0.50	0.79
SCRH4D14R-150	15	100KHZ	460m	0.48	0.71
SCRH4D14R-180	18	100KHZ	515m	0.47	0.68
SCRH4D14R-220	22	100KHZ	690m	0.42	0.61
SCRH4D14R-270	27	100KHZ	920m	0.25	0.52
SCRH4D14R-330	33	100KHZ	1.03	0.24	0.47
SCRH4D14R-390	39	100KHZ	1.13	0.23	0.42
SCRH4D14R-470	47	100KHZ	1.65	0.22	0.39
SCRH4D14R-560	56	100KHZ	1.80	0.21	0.37
SCRH4D14R-680	68	100KHZ	2.65	0.20	0.33
SCRH4D14R-820	82	100KHZ	3.00	0.19	0.29



- (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 30% from its initial value.
- (4). The DC current that results in a 40°C temperature rise from 25°C ambient.

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