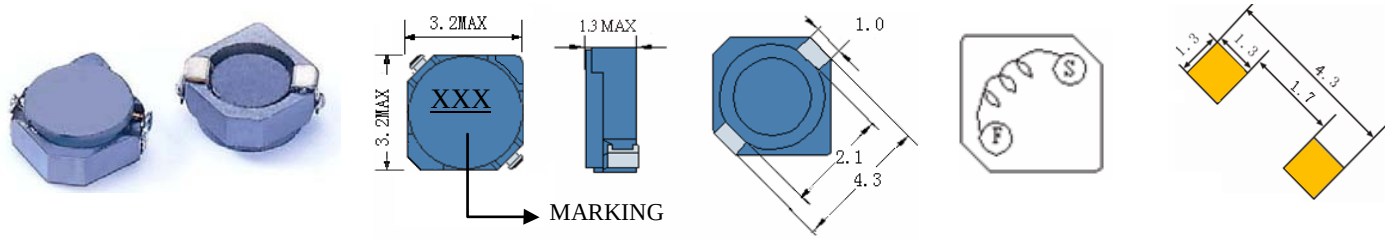
SCRH2D11

SMD POWER INDUCTORS

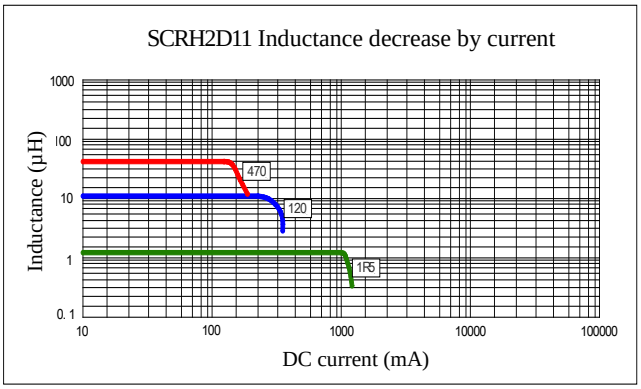


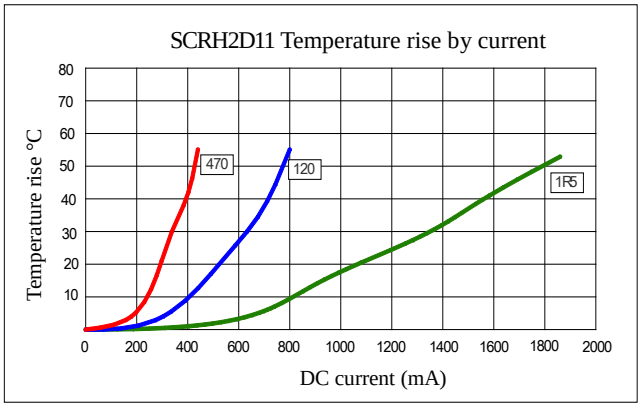
● Features

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)
SCRH2D11-1R5	1.5	100KHZ	95m	0.90	1.45
SCRH2D11-2R2	2.2	100KHZ	121m	0.64	1.27
SCRH2D11-3R3	3.3	100KHZ	160m	0.60	1.14
SCRH2D11-4R7	4.7	100KHZ	235m	0.50	1.02
SCRH2D11-6R8	6.8	100KHZ	304m	0.40	0.86
SCRH2D11-100	10	100KHZ	524m	0.34	0.70
SCRH2D11-120	12	100KHZ	595m	0.30	0.56
SCRH2D11-150	15	100KHZ	656m	0.24	0.50
SCRH2D11-180	18	100KHZ	691m	0.23	0.50
SCRH2D11-220	22	100KHZ	1.12	0.22	0.43
SCRH2D11-330	33	100KHZ	1.87	0.18	0.38
SCRH2D11-470	47	100KHZ	2.35	0.15	0.34





(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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