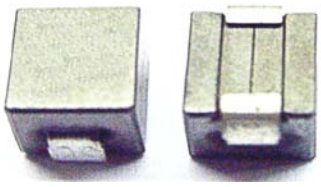
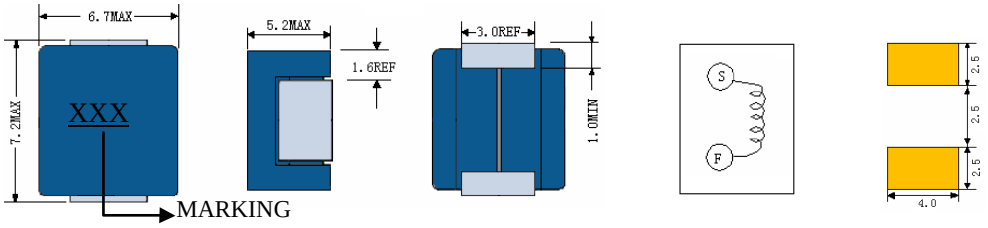
SCPS6450

SMD POWER INDUCTORS



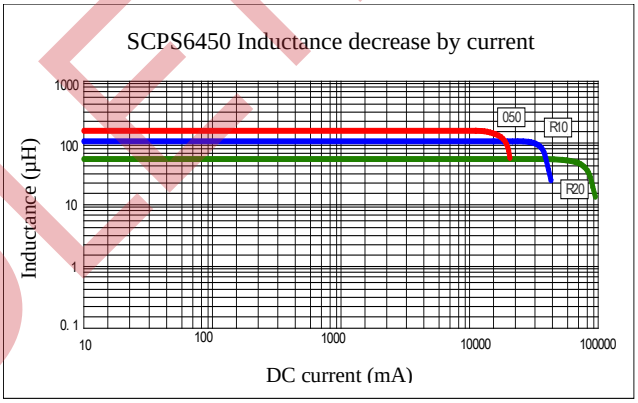


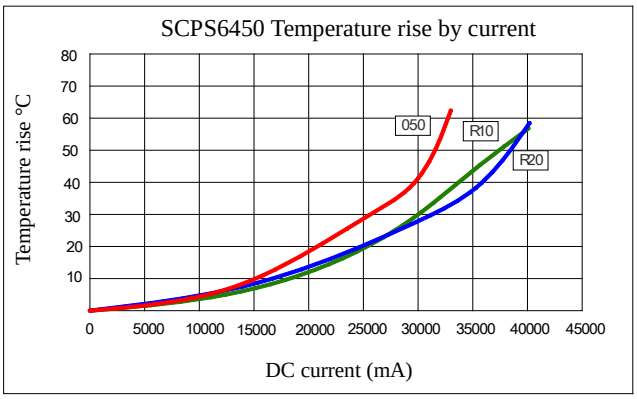
● Features

1. Surface mount inductors designed for high speed switch mode applications requiring low inductance and high current.
2. 125℃ operating temperature.
3. Inductance range from 0.05uH to 0.20uH.
3. High Current - up to 75 Amps.

ELECTRICAL CHARACTERISTICS

Part Number	Inductance (uH) (1)	Test Frequency	DC Resistance (Ω MAX) (2)	Saturation Current (3) (A)	Temperature Current (4) (A)
SCPS6450-050	0.05	1MHz	0.29	70	30
SCPS6450-R10	0.10	1MHz	0.29	35.0	30
SCPS6450-R15	0.15	1MHz	0.29	25.5	30
SCPS6450-R20	0.20	1MHz	0.29	19	26





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

OBSOLETE

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