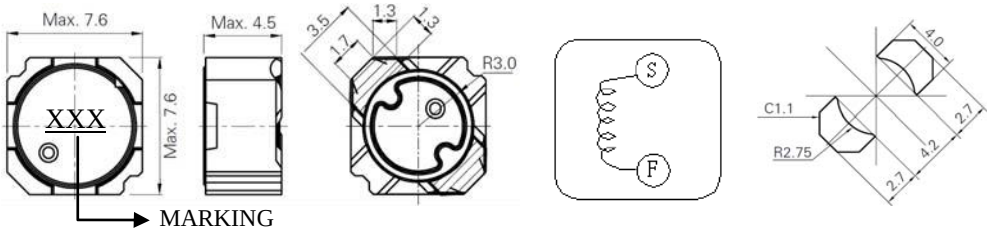
SCMS7D43AY

SMD POWER INDUCTORS



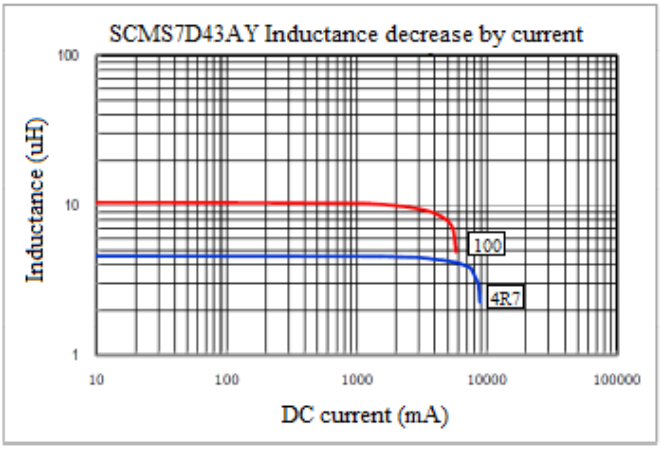


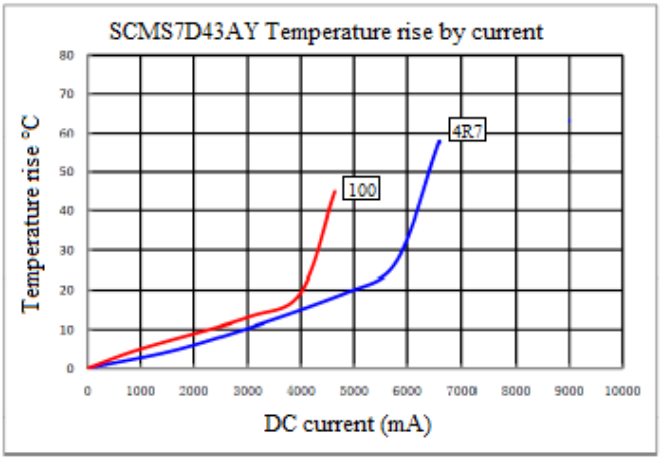
● Features

1. Magnetically shielded construction – Low EMI
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)
SCMS7D43AY-4R7	4.7	100KHZ	21.4m	7.50	5.80
SCMS7D43AY-100	10	100KHZ	48.4m	5.00	4.00





(1). Inductance tolerance ±30% tested at 1V, 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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