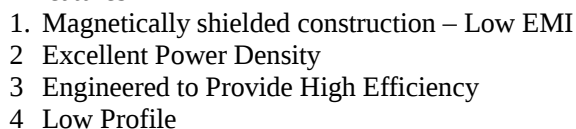


SMD POWER INDUCTORS



ELECTRICAL CHARACTERISTICS



SCMD4D10C Temperature rise by current

DC current (mA)	Temperature rise °C (470)	Temperature rise °C (100)	Temperature rise °C (3R3)
0	0	0	0
200	~10	~2	~1
400	~60	~10	~3
600	-	~20	~5
800	-	~45	~10
1000	-	-	~18
1200	-	-	~28
1400	-	-	~45
1500	-	-	~60

- (1). Inductance tolerance $\pm 20\%$ tested at 0.25V, 0ADC and 25°C.
- (2). DCR measured at 25°C.
- (3). The DC current at which the inductance decreases by 10% from its initial value.
- (4). The DC current that results in a 40°C temperature rise from 25°C ambient.

Custom versions available upon request.

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