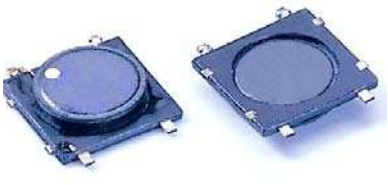
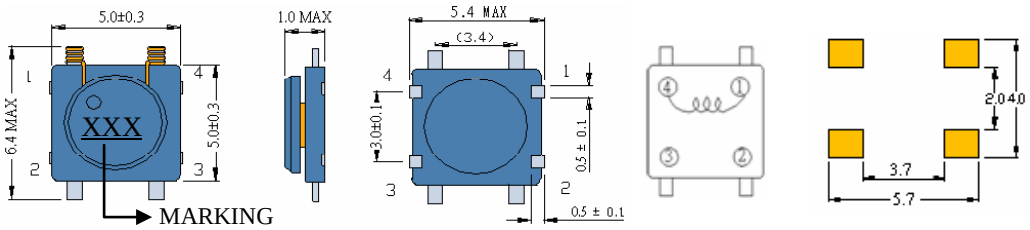
SCMD4D08

SMD POWER INDUCTORS

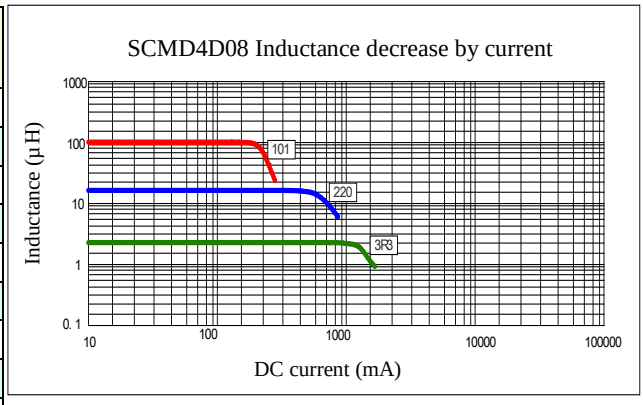


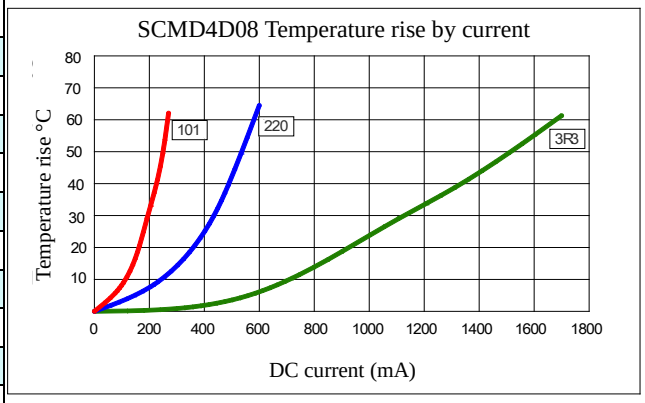


● Features
1. Open frame construction
2 Excellent Power Density
3 Engineered to Provide High Efficiency

ELECTRICAL CHARACTERISTICS

Part Number	Inductance (uH) (1)	Test Frequency	DC Resistance (Ω MAX) (2)	Saturation Current (3) (A)	Temperature Current (4) (A)
SCMD4D08-3R3	3.3	100KHZ	0.19	1.12	1.10
SCMD4D08-4R7	4.7	100KHZ	0.27	0.90	0.96
SCMD4D08-6R8	6.8	100KHZ	0.40	0.76	0.76
SCMD4D08-100	10	100KHZ	0.60	0.62	0.62
SCMD4D08-150	15	100KHZ	1.00	0.45	0.45
SCMD4D08-220	22	100KHZ	1.20	0.40	0.43
SCMD4D08-270	27	100KHZ	1.72	0.36	0.36
SCMD4D08-330	33	100KHZ	2.00	0.34	0.32
SCMD4D08-470	47	100KHZ	2.60	0.28	0.28
SCMD4D08-101	100	100KHZ	5.60	0.16	0.19





(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 10% from its initial value.
(4). The DC current that results in a 40℃ temperature rise from 25℃ ambient.

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