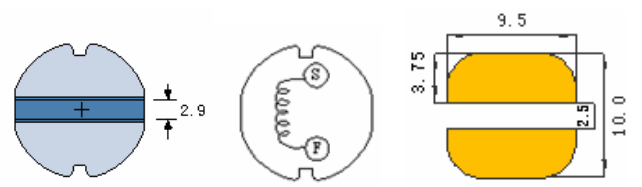
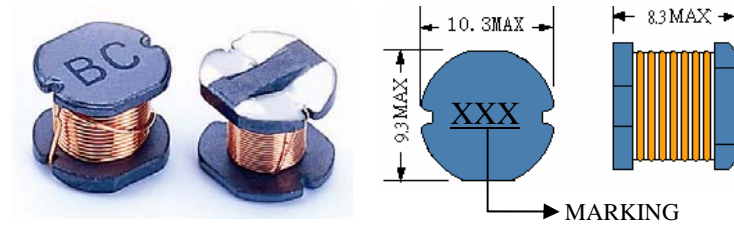


SMD POWER INDUCTORS SMD 功率電感

BC108 TYPE



● Features

1. Various high power inductors are superior to be high saturation for surface mounting.

● Applications

1. Power supply for VTR、OA equipment.
2. LCD television set、notebook PC.
3. Portable communication, equipments.
4. DC/DC converters, etc.

● 特點

1. 廣闊的感值範圍,是高飽和表面貼裝的最佳選擇.

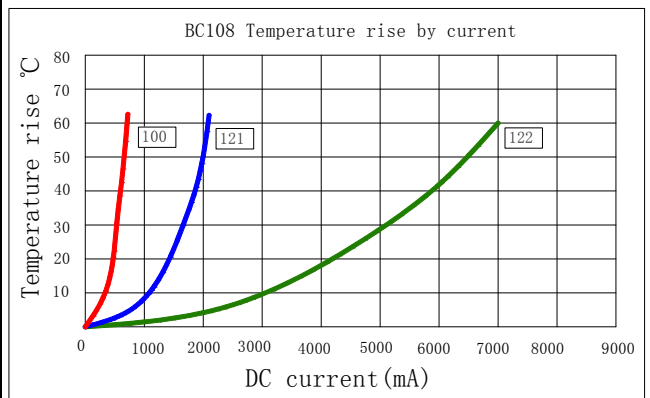
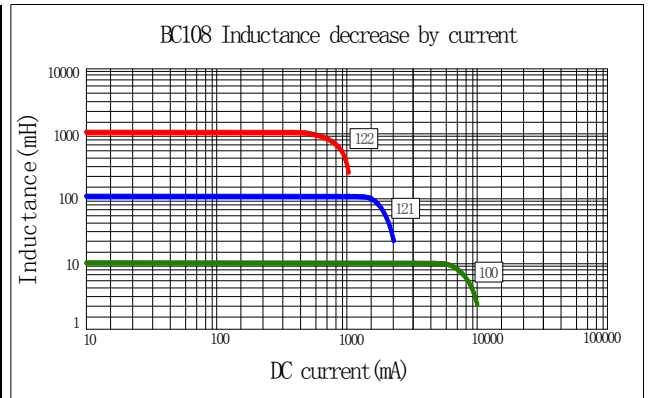
● 應用

1. 錄影機、辦公自動設備.
2. 液晶電視機、筆記型電腦.
3. 通訊設備.
4. 直流對直流電源供應器等.

ELECTRICAL CHARACTERISTICS FOR 電氣特性

BC108 SERIES

Part Number 料號	Inductance 電感 (uH) (1)	Test Frequency 測試頻率	DC Resistance 電阻(Ω MAX) (2)	Saturation Current 飽和電流(A) (3)	Temperature Current 溫升電流(A) (4)
BC108-100	10	2.52MHZ	36m	4.05	4.70
BC108-120	12	2.52MHZ	38m	3.60	4.45
BC108-150	15	2.52MHZ	40m	3.34	4.00
BC108-180	18	2.52MHZ	50m	3.05	3.50
BC108-220	22	2.52MHZ	60m	2.80	3.40
BC108-270	27	2.52MHZ	70m	2.50	3.30
BC108-330	33	2.52MHZ	80m	2.40	3.20
BC108-390	39	2.52MHZ	90m	2.20	2.90
BC108-470	47	2.52MHZ	0.11	2.00	2.60
BC108-560	56	2.52MHZ	0.12	1.90	2.40
BC108-680	68	2.52MHZ	0.15	1.80	2.30
BC108-820	82	2.52MHZ	0.19	1.60	2.00
BC108-101	100	1KHZ	0.23	1.50	1.80
BC108-121	120	1KHZ	0.32	1.40	1.50
BC108-151	150	1KHZ	0.37	1.30	1.43
BC108-181	180	1KHZ	0.42	1.20	1.32
BC108-221	220	1KHZ	0.44	1.00	1.14
BC108-271	270	1KHZ	0.55	0.95	0.93
BC108-331	330	1KHZ	0.60	0.90	0.90
BC108-391	390	1KHZ	0.67	0.80	0.80
BC108-471	470	1KHZ	0.88	0.70	0.75
BC108-561	560	1KHZ	1.04	0.65	0.73
BC108-681	680	1KHZ	1.18	0.60	0.72
BC108-821	820	1KHZ	1.38	0.50	0.70
BC108-102	1000	1KHZ	1.74	0.48	0.63
BC108-122	1200	1KHZ	1.92	0.45	0.54



- (1). Inductance tested at 0.25V. Tolerance of inductance:±20%(M).
- (2). DCR test temp. limits 25°C.
- (3). This indicates the value of current when the inductance is 10% lower than its initial value at D.C. superposition or D.C. current.
- (4). To load current onto the components under normal ambience, which cause the temp. change as $\Delta t=40^{\circ}\text{C}$ or more lower current.
- (5). Please refer saturated current or the minimum temperature current as standard.

- (1). 電感測試條件為 0.25V。電感的公差為:±20%(M)。
- (2). 電阻(測試)溫度為 25°C。
- (3). 是在疊加直流或者直流負載的狀況下,電感比其初始值下降 10%時的電流。
- (4). 在空氣中,一元器件通以電流,使元件表面溫度變化為 $\Delta t=40^{\circ}\text{C}$ 或低一些的電流值。
- (5). 使用時,請參照飽和電流、溫升電流最小的電流為額定電流。