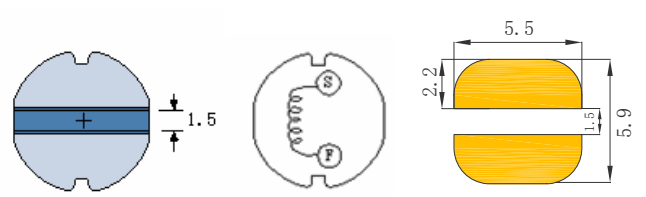
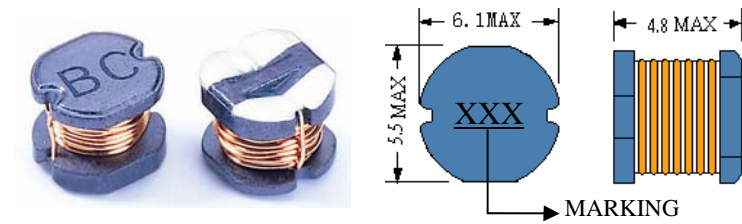


SMD POWER INDUCTORS SMD 功率電感
BC54 TYPE



● Features

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

● 特點

1. 廣闊的感值範圍是高飽和表面貼裝的最佳選擇。

● Applications

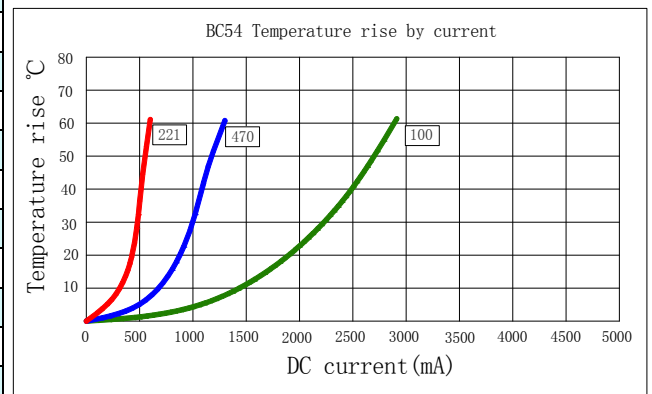
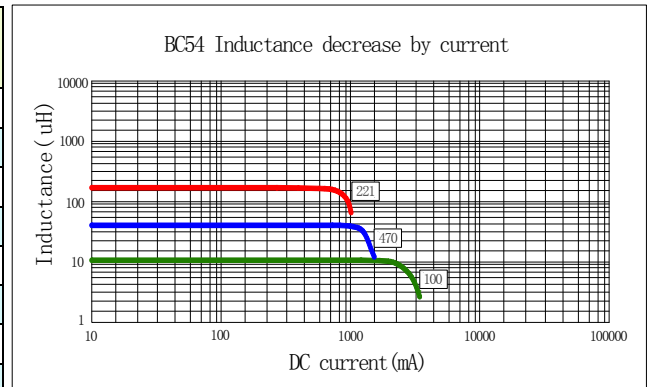
1. Power supply for VTR、OA equipment.
2. LCD television set、notebook PC.
3. Portable communication, equipments.
4. DC/DC converters, etc.

● 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
BC54 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 ⁽³⁾ 飽和電流(A)	Temperature Current ⁽⁴⁾ 溫升電流(A)
BC54-100	10	2.52MHZ	0.10	1.44	2.20
BC54-120	12	2.52MHZ	0.12	1.40	1.98
BC54-150	15	2.52MHZ	0.14	1.30	1.76
BC54-180	18	2.52MHZ	0.15	1.23	1.65
BC54-220	22	2.52MHZ	0.18	1.11	1.45
BC54-270	27	2.52MHZ	0.20	0.97	1.30
BC54-330	33	2.52MHZ	0.23	0.88	1.20
BC54-390	39	2.52MHZ	0.32	0.80	1.10
BC54-470	47	2.52MHZ	0.37	0.72	1.00
BC54-560	56	2.52MHZ	0.42	0.68	0.86
BC54-680	68	2.52MHZ	0.46	0.61	0.78
BC54-820	82	2.52MHZ	0.60	0.58	0.70
BC54-101	100	1KHZ	0.70	0.52	0.64
BC54-121	120	1KHZ	0.93	0.48	0.58
BC54-151	150	1KHZ	1.10	0.40	0.54
BC54-181	180	1KHZ	1.38	0.38	0.52
BC54-221	220	1KHZ	1.57	0.35	0.48



- (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。