

● 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

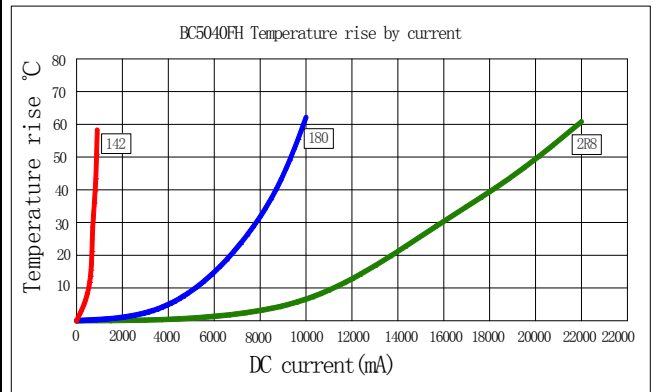
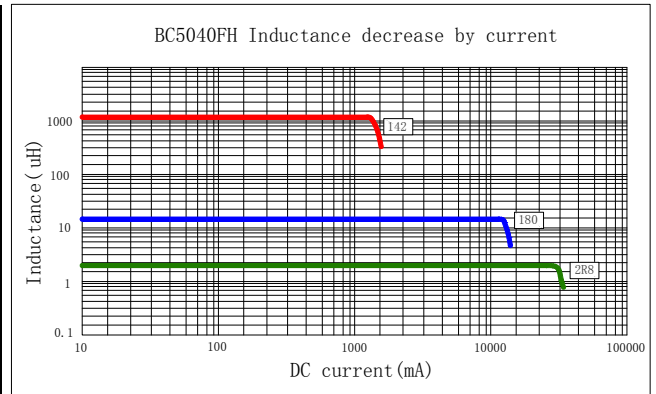
1. 廣闊的感值範圍,是高飽和表面貼裝的最佳選擇.

● 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  
BC5040FH 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(A)	Temperature Current(4) 溫升電流(A)
BC5040FH-2R8	2.8	100KHZ	5.2m	33.4	12.1
BC5040FH-3R9	3.9	100KHZ	6.0m	26.8	11.2
BC5040FH-6R8	6.8	100KHZ	9.0m	22.5	9.60
BC5040FH-100	10	100KHZ	14.1m	17.8	8.60
BC5040FH-120	12	100KHZ	15.5m	15.9	7.40
BC5040FH-150	15	100KHZ	20m	13.8	6.50
BC5040FH-180	18	100KHZ	22m	13.2	6.00
BC5040FH-220	22	100KHZ	24m	11.8	5.70
BC5040FH-330	33	100KHZ	37m	9.6	4.50
BC5040FH-470	47	100KHZ	52m	7.8	3.70
BC5040FH-680	68	100KHZ	67m	6.7	3.40
BC5040FH-101	100	100KHZ	115m	5.6	2.80
BC5040FH-331	330	100KHZ	325m	3.0	1.50
BC5040FH-681	680	100KHZ	780m	2.0	1.10
BC5040FH-142	1400	100KHZ	1.59	1.5	0.70



- (1). Inductance tested at 0.25V. Tolerance of inductance:  
2.8uH~100uH:±30%(N) 330uH~1400uH:±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 Δt=40°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:  
2.8uH~100uH:±30%(N) 330uH~1400uH:±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 Δt=40°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。