

● 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

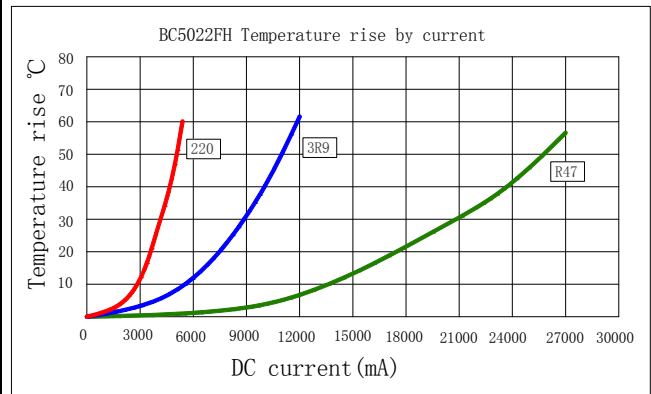
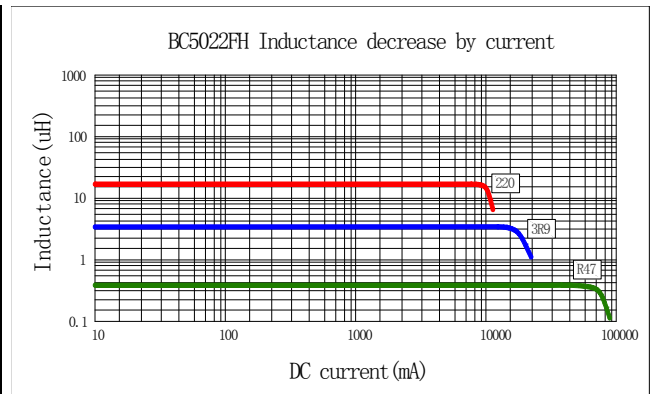
1. 廣闊的感值範圍,是高飽和表面貼裝的最佳選擇.

● 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
BC5022FH SERIES

Part Number 料號	Inductance 電感(uH) (1)	Test Frequency 測試頻率	DCResistance 電阻(Ω MAX) (2)	Saturation Current(3) 飽和電(A)	Temperature Current(4) 溫升電流(A)
BC5022FH-R47	0.47	100KHZ	2.0m	40	20.0
BC5022FH-R82	0.82	100KHZ	2.6m	30	17.0
BC5022FH-1R5	1.5	100KHZ	4.0m	25	14.2
BC5022FH-2R2	2.2	100KHZ	6.1m	20	12.0
BC5022FH-2R7	2.7	100KHZ	8.0m	18	10.0
BC5022FH-3R3	3.3	100KHZ	9.0m	17	9.4
BC5022FH-3R9	3.9	100KHZ	10m	15	9.0
BC5022FH-4R7	4.7	100KHZ	14m	13	8.0
BC5022FH-6R8	6.8	100KHZ	18m	12	6.5
BC5022FH-100	10	100KHZ	26m	10	6.0
BC5022FH-150	15	100KHZ	32m	8.0	4.8
BC5022FH-220	22	100KHZ	50m	7.6	3.6



- (1). Inductance tested at 0.25V. Tolerance of inductance:
0.47uH~4.7uH:±30%(N) 6.8uH~220uH:±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:
0.47uH~4.7uH:±30%(N) 6.8uH~220uH:±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。