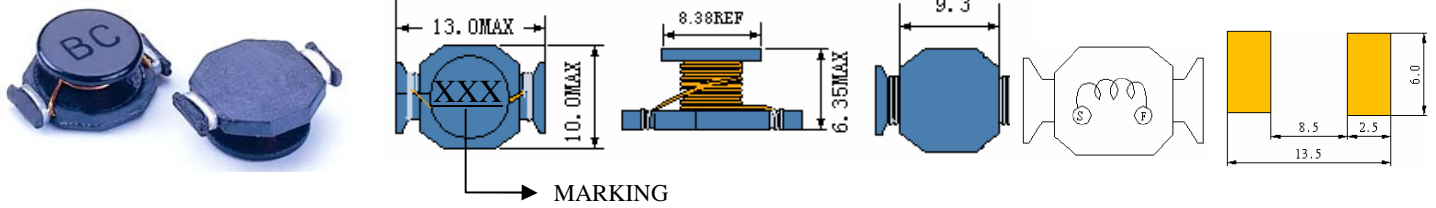


SMD POWER INDUCTORS SMD 功率電感
BC3316FH TYPE



● 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

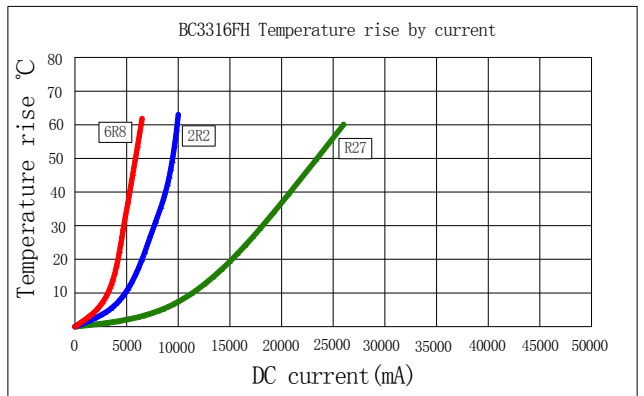
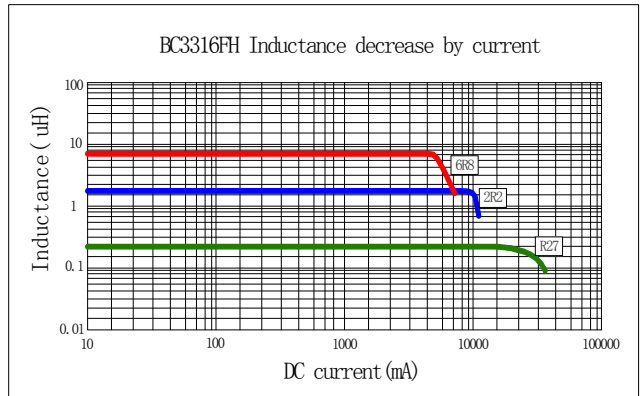
1. 廣闊的感值範圍,是高飽和表面貼裝的最佳選擇.

● 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
BC3316FH 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)
BC3316FH-R27	0.27	100KHZ	2.0m	20.0	17.8
BC3316FH-R56	0.56	100KHZ	5.0m	13.0	11.5
BC3316FH-1R0	1.0	100KHZ	6.0m	11.0	10.5
BC3316FH-1R5	1.5	100KHZ	8.0m	9.0	8.5
BC3316FH-2R2	2.2	100KHZ	11.0m	7.8	7.4
BC3316FH-2R7	2.7	100KHZ	12.0m	7.0	6.4
BC3316FH-3R3	3.3	100KHZ	14.0m	6.4	6.4
BC3316FH-4R7	4.7	100KHZ	18.0m	5.4	5.4
BC3316FH-6R8	6.8	100KHZ	22.0m	5.0	4.5



- (1). Inductance tested at 0.25V. Tolerance of inductance:
0.27uH~3.3uH:±30%(N) 4.7uH~6.8uH:±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:
0.27uH~3.3uH:±30%(N) 4.7uH~6.8uH:±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。