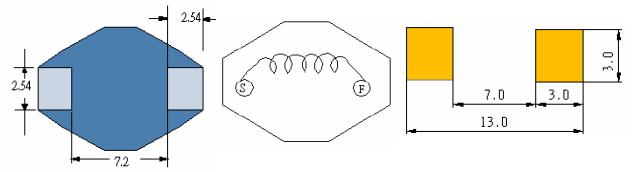
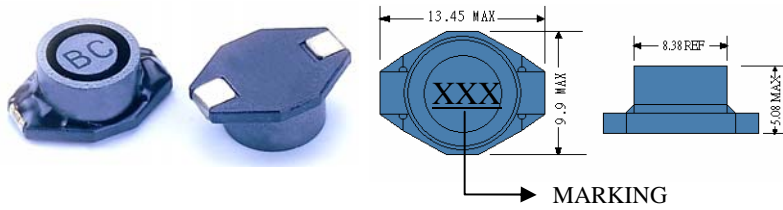


SMD POWER INDUCTORS SMD 功率電感
BC3316C TYPE



● 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

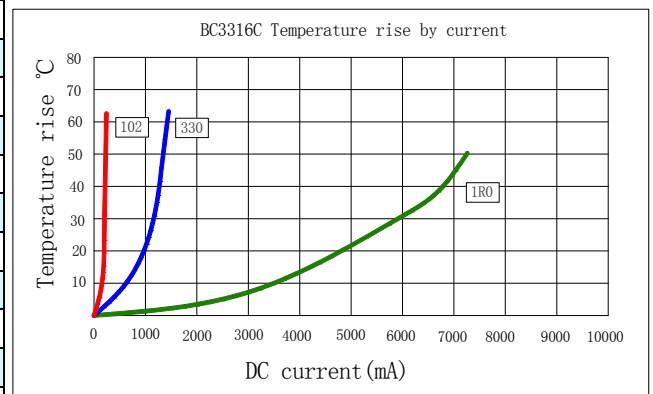
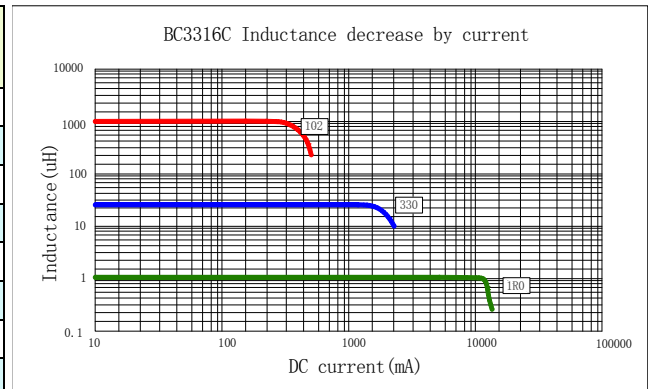
1. Power supply for VTR、OA equipment.
2. LCD television set、notebook PC.
3. Portable communication, equipments.
4. DC/DC converters, etc.

● 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
BC3316C 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) |
|-------------------|------------------------------|------------------------|-----------------------------------|--------------------------------------|---------------------------------------|
| BC3316C-1R0 | 1.0 | 100KHZ | 21m | 5.60 | 6.00 |
| BC3316C-1R5 | 1.5 | 100KHZ | 22m | 5.20 | 5.70 |
| BC3316C-2R2 | 2.2 | 100KHZ | 32m | 5.00 | 4.59 |
| BC3316C 3R3 | 3.3 | 100KHZ | 39m | 3.90 | 4.37 |
| BC3316C-4R7 | 4.7 | 100KHZ | 54m | 3.20 | 3.73 |
| BC3316C-6R8 | 6.8 | 100KHZ | 75m | 2.80 | 2.61 |
| BC3316C-100 | 10 | 100KHZ | 0.101 | 2.40 | 2.34 |
| BC3316C-150 | 15 | 100KHZ | 0.150 | 2.00 | 1.87 |
| BC3316C-220 | 22 | 100KHZ | 0.207 | 1.60 | 1.49 |
| BC3316C-330 | 33 | 100KHZ | 0.334 | 1.40 | 1.20 |
| BC3316C-470 | 47 | 100KHZ | 0.472 | 1.00 | 0.96 |
| BC3316C-680 | 68 | 100KHZ | 0.660 | 0.90 | 0.77 |
| BC3316C-101 | 100 | 100KHZ | 0.924 | 0.80 | 0.61 |
| BC3316C-151 | 150 | 100KHZ | 1.290 | 0.70 | 0.49 |
| BC3316C-221 | 220 | 100KHZ | 2.200 | 0.50 | 0.39 |
| BC3316C-331 | 330 | 100KHZ | 2.500 | 0.38 | 0.31 |
| BC3316C-471 | 470 | 100KHZ | 3.700 | 0.35 | 0.28 |
| BC3316C-681 | 680 | 100KHZ | 6.40 | 0.30 | 0.225 |
| BC3316C-102 | 1000 | 100KHZ | 9.60 | 0.20 | 0.20 |



- (1). Inductance tested at 0.25V. Tolerance of inductance:
1.0uH~2.2uH:±30%(N) 3.3uH~1000uH:±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:
1.0uH~2.2uH:±30%(N) 3.3uH~1000uH:±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。