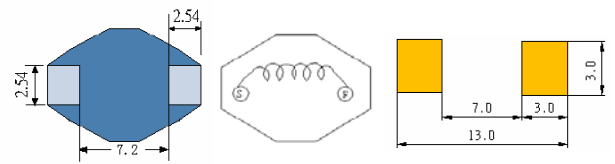
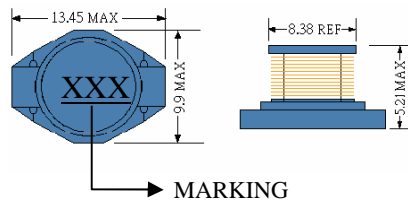


**SMD POWER INDUCTORS SMD 功率電感**  
**BC3316F TYPE**



● 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

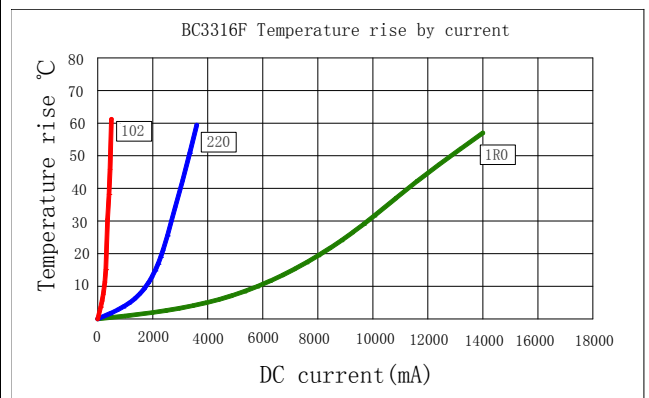
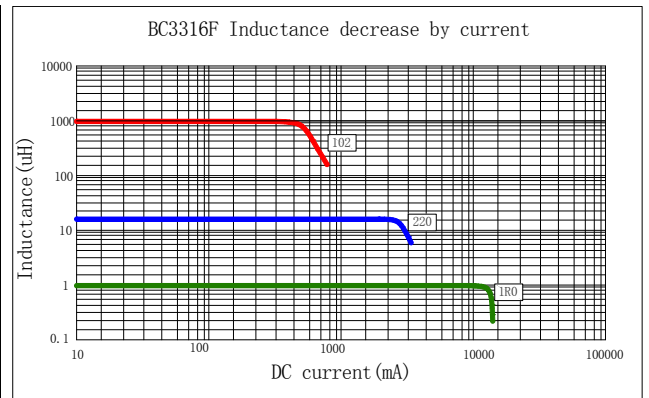
1. Power supply for VTR、OA equipment.
2. LCD television set、notebook PC.
3. Portable communication, equipments.
4. DC/DC converters, etc.

● 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**  
**BC3316F 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)
BC3316F-1R0	1.0	100KHZ	9m	9.0	9.80
BC3316F-1R5	1.5	100KHZ	10m	8.0	9.20
BC3316F-2R2	2.2	100KHZ	13m	7.0	7.00
BC3316F-3R3	3.3	100KHZ	15m	6.4	6.50
BC3316F-4R7	4.7	100KHZ	18m	5.4	5.60
BC3316F-6R8	6.8	100KHZ	27m	4.6	4.50
BC3316F-100	10	100KHZ	38m	3.8	3.90
BC3316F-150	15	100KHZ	56m	3.0	3.10
BC3316F-220	22	100KHZ	85m	2.6	2.70
BC3316F-330	33	100KHZ	0.10	2.0	2.10
BC3316F-470	47	100KHZ	0.16	1.6	1.80
BC3316F-680	68	100KHZ	0.22	1.4	1.50
<b>BC3316F-101</b>	<b>100</b>	<b>100KHZ</b>	<b>0.28</b>	<b>1.2</b>	<b>1.30</b>
BC3316F-151	150	100KHZ	0.40	1.0	1.00
BC3316F-221	220	100KHZ	0.61	0.8	0.80
BC3316F-331	330	100KHZ	1.02	0.6	0.68
BC3316F-471	470	100KHZ	1.27	0.5	0.60
BC3316F-681	680	100KHZ	2.20	0.4	0.42
BC3316F-102	1000	100KHZ	3.00	0.3	0.34
BC3316F-152	1500	100KHZ	5.40	0.29	0.27
BC3316F-332	3300	100KHZ	10.80	0.19	0.17



(1). Inductance tested at 0.25V. Tolerance of inductance:  
 1.0uH~3.3uH:±30%(N) 4.7uH~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~3.3uH:±30%(N) 4.7uH~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。