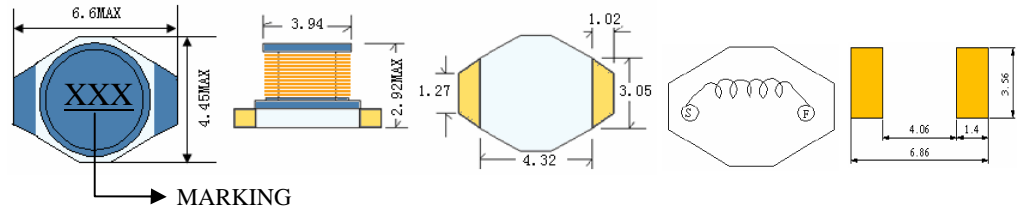


SMD POWER INDUCTORS SMD 功率電感
BC1608F TYPE



● 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

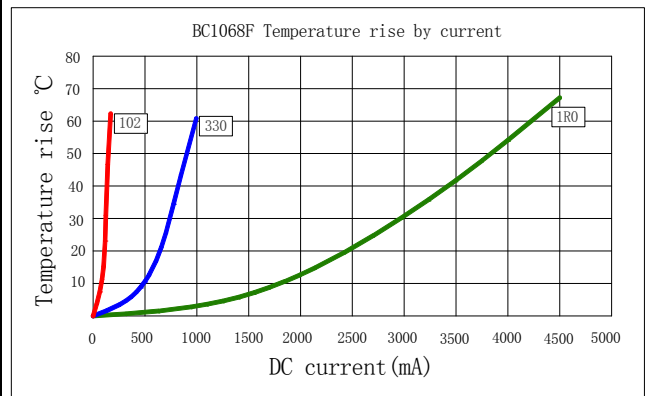
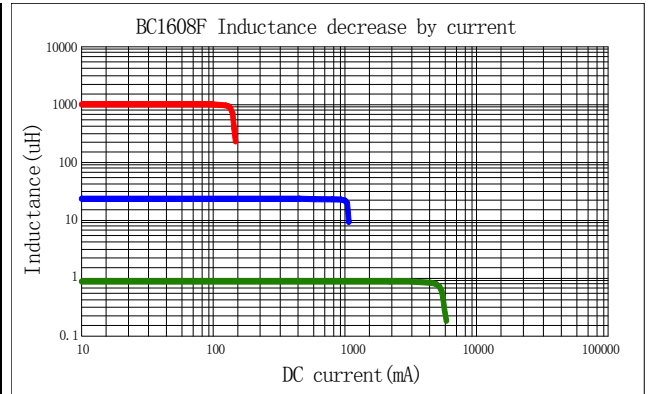
1. 廣闊的感值範圍,是高飽和表面貼裝的最佳選擇.

● 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
BC1608F 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)
BC1608F-1R0	1.0	100KHZ	0.05	2.90	2.90
BC1608F-1R5	1.5	100KHZ	0.05	2.60	2.80
BC1608F-2R2	2.2	100KHZ	0.07	2.30	2.40
BC1608F-3R3	3.3	100KHZ	0.08	2.00	2.00
BC1608F-4R7	4.7	100KHZ	0.09	1.50	1.80
BC1608F-6R8	6.8	100KHZ	0.13	1.20	1.50
BC1608F-100	10	100KHZ	0.16	1.10	1.30
BC1608F-150	15	100KHZ	0.26	0.90	0.92
BC1608F-220	22	100KHZ	0.37	0.70	0.86
BC1608F-270	27	100KHZ	0.44	0.65	0.80
BC1608F-330	33	100KHZ	0.51	0.58	0.72
BC1608F-470	47	100KHZ	0.75	0.50	0.56
BC1608F-680	68	100KHZ	1.10	0.40	0.48
BC1608F-101	100	100KHZ	1.56	0.31	0.40
BC1608F-151	150	100KHZ	2.40	0.27	0.33
BC1608F-221	220	100KHZ	3.60	0.22	0.27
BC1608F-331	330	100KHZ	5.80	0.18	0.20
BC1608F-471	470	100KHZ	7.25	0.16	0.18
BC1608F-681	680	100KHZ	12.0	0.14	0.15
BC1608F-102	1000	100KHZ	20.2	0.10	0.12



- (1). Inductance tested at 0.25V. Tolerance of inductance:
1.0uH~6.8uH:±30%(N) 10uH~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~6.8uH:±30%(N) 10uH~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。