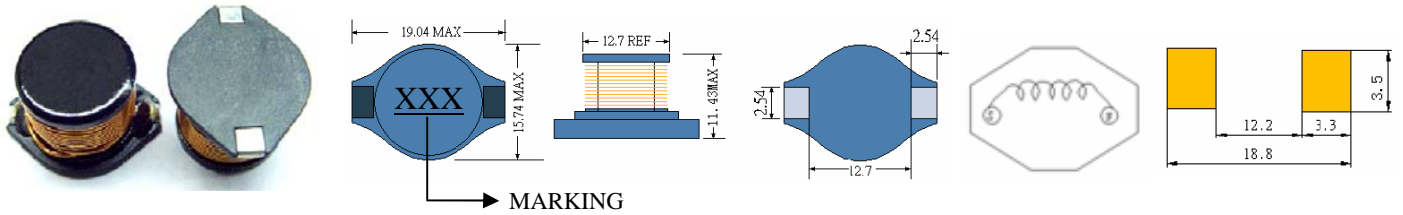


**SMD POWER INDUCTORS SMD 功率電感**  
**BC5040F TYPE**



● 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

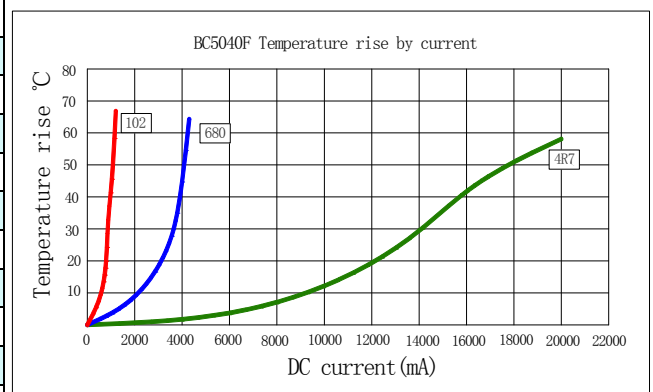
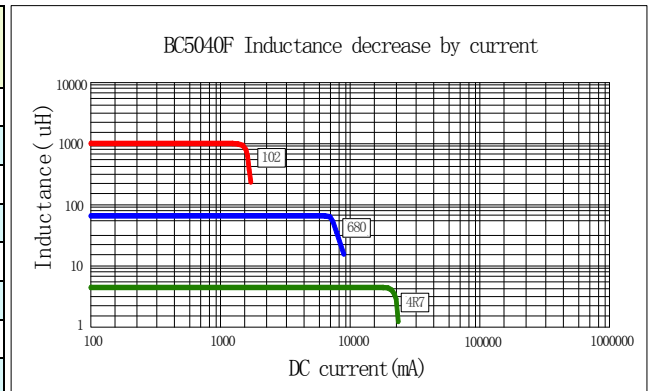
1. 廣闊的感值範圍,是高飽和表面貼裝的最佳選擇.

● 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**  
**BC5040F 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 <sup>(3)</sup> 飽和電流(A)	Temperature Current <sup>(4)</sup> 溫升電流(A)
BC5040F-4R7	4.7	100KHZ	8.5m	24.0	14.0
BC5040F-5R6	5.6	100KHZ	9.8m	20.3	12.5
BC5040F-6R8	6.8	100KHZ	11.5m	18.5	11.2
BC5040F-100	10	100KHZ	15.7m	16.7	9.50
BC5040F-150	15	100KHZ	23.5m	13.0	8.00
BC5040F-220	22	100KHZ	34.2m	10.6	6.50
BC5040F-330	33	100KHZ	51.2m	8.6	5.00
BC5040F-470	47	100KHZ	71.4m	7.0	4.00
BC5040F-680	68	100KHZ	100m	6.5	3.20
BC5040F-101	100	100KHZ	146m	5.0	2.80
BC5040F-151	150	100KHZ	216m	4.0	2.30
BC5040F-221	220	100KHZ	310m	3.3	1.80
BC5040F-331	330	100KHZ	450m	2.7	1.50
<b>BC5040F-471</b>	<b>470</b>	<b>100KHZ</b>	<b>600m</b>	<b>2.2</b>	<b>1.20</b>
BC5040F-681	680	100KHZ	890m	1.9	1.00
BC5040F-102	1000	100K	1280m	1.5	0.88



- (1). Inductance tested at 0.25V. Tolerance of inductance:±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±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。