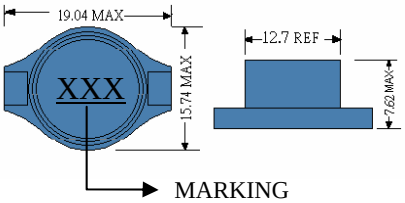
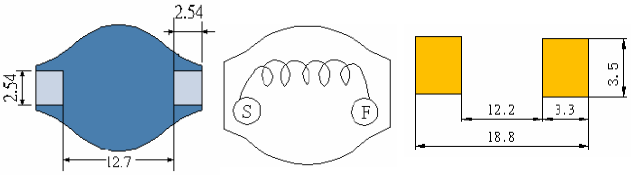
SMD POWER INDUCTORS　SMD 功率電感
BC5022C TYPE





● Features
1. Various high power inductors are superior to be high saturation for surface mounting.

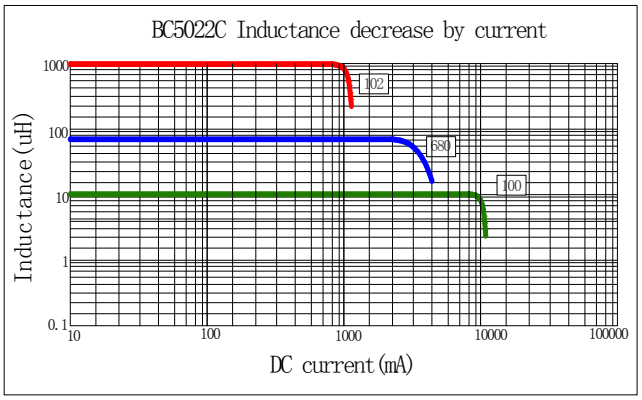
● 特點
1. 廣闊的感值範圍,是高飽和表面貼裝的最佳選擇.

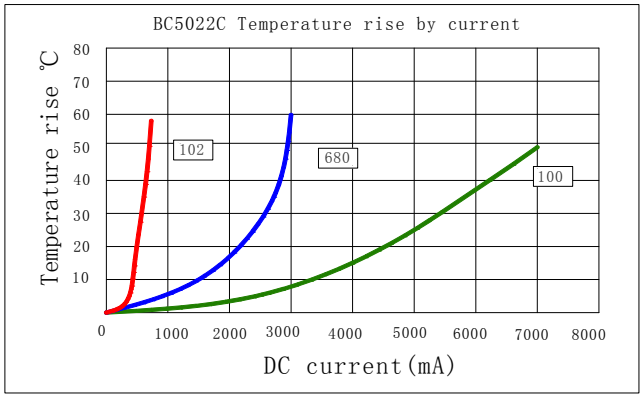
● Applications
1. Power supply for VTR、OA equipment.
2. LCD television set、notebook PC.
3. Portable communication, equipments.
4. DC/DC converters, etc.

● 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 BC5022C SERIES　電氣特性

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)
BC5022C-100	10	100KHZ	40m	8.00	5.00
BC5022C-150	15	100KHZ	48m	7.00	4.00
BC5022C-220	22	100KHZ	59m	6.00	3.80
BC5022C-330	33	100KHZ	75m	5.00	3.20
BC5022C-470	47	100KHZ	97m	4.00	2.80
BC5022C-680	68	100KHZ	138m	3.00	2.20
BC5022C-101	100	100KHZ	207m	2.40	1.80
BC5022C-151	150	100KHZ	293m	2.10	1.50
BC5022C-221	220	100KHZ	470m	1.90	1.20
BC5022C-331	330	100KHZ	780m	1.10	0.90
BC5022C-471	470	100KHZ	1.08	1.10	0.80
BC5022C-681	680	100KHZ	1.40	1.00	0.65
BC5022C-102	1000	100KHZ	2.01	0.80	0.54





(1). Inductance tested at 0.25V. Tolerance of inductance:±20%(M).
(2). DCR test temp. limits 25℃.
(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 ∆t=40℃or more lower current.
(5). Please refer saturated current or the minimum temperature current as standard .

(1).電感測試條件爲 0.25V。電感的公差爲:±20%(M).
(2).電阻（測試）溫度爲 25℃。
(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爲∆t=40℃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爲額定電流。