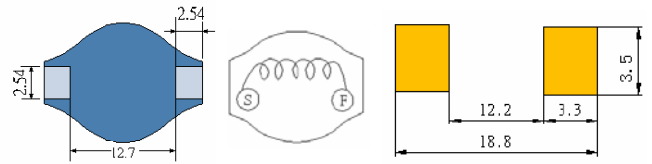
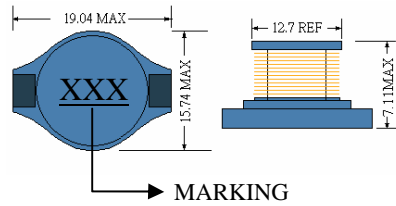


SMD POWER INDUCTORS SMD 功率電感
BC5022F TYPE



● 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

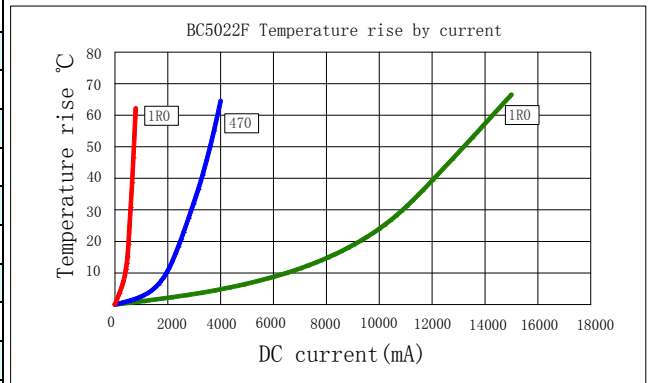
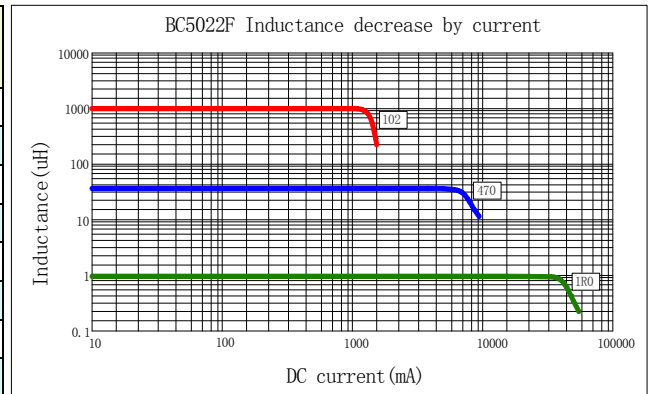
1. Power supply for VTR、OA equipment.
2. LCD television set、notebook PC.
3. Portable communication, equipments.
4. DC/DC converters, etc.

● 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
BC5022F 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)
BC5022F-1R0	1.0	100KHZ	9m	20.0	10.5
BC5022F-2R2	2.2	100KHZ	14m	16.0	9.00
BC5022F-3R3	3.3	100KHZ	15m	14.0	8.00
BC5022F-4R7	4.7	100KHZ	19m	13.0	7.10
BC5022F-5R6	5.6	100KHZ	20m	12.0	6.30
BC5022F-6R8	6.8	100KHZ	25m	11.5	5.60
BC5022F-100	10	100KHZ	31m	10.0	5.20
BC5022F-150	15	100KHZ	36m	8.0	4.50
BC5022F-220	22	100KHZ	47m	7.0	3.90
BC5022F-330	33	100KHZ	66m	5.5	3.30
BC5022F-470	47	100KHZ	86m	4.5	2.80
BC5022F-680	68	100KHZ	0.13	3.5	2.36
BC5022F-101	100	100KHZ	0.19	3.0	1.95
BC5022F-151	150	100KHZ	0.25	2.6	1.60
BC5022F-221	220	100KHZ	0.38	2.4	1.20
BC5022F-331	330	100KHZ	0.56	1.9	1.00
BC5022F-471	470	100KHZ	0.85	1.4	0.80
BC5022F-681	680	100KHZ	1.24	1.2	0.68
BC5022F-102	1000	100KHZ	1.80	1.0	0.58



- (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。