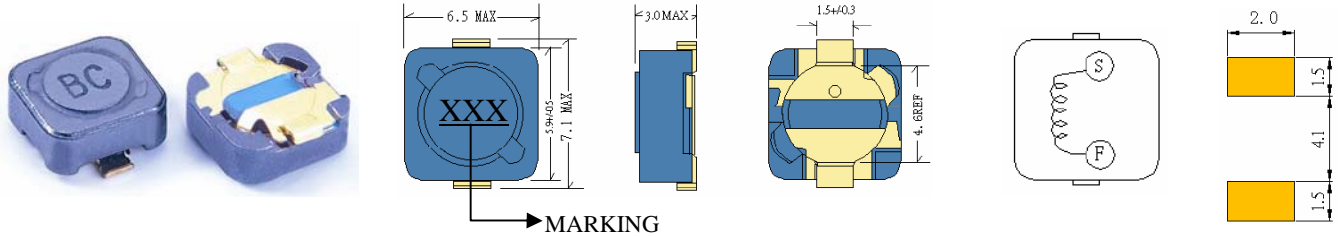


**SMD POWER INDUCTORS SMD 功率電感**  
**BCRH62 TYPE**



● 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

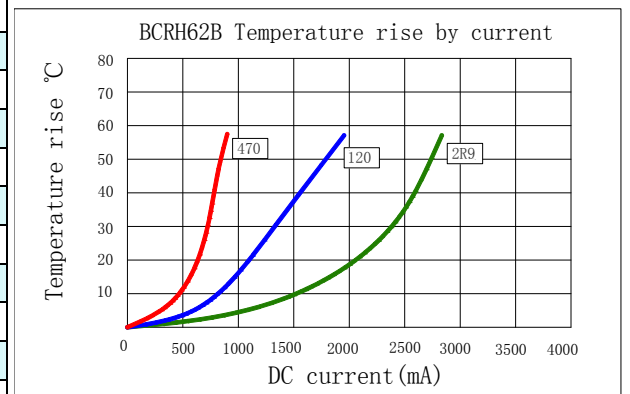
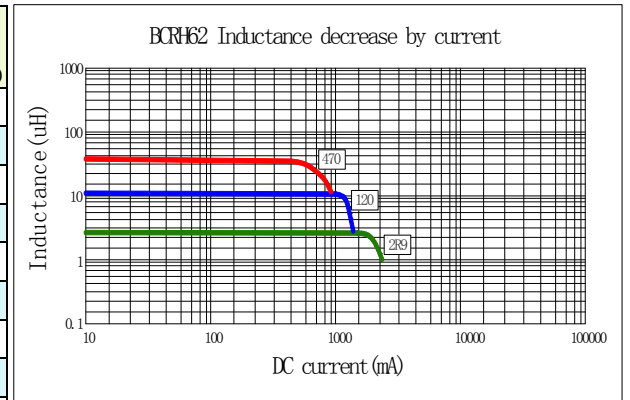
1. 廣闊的感值範圍,是高飽和表面貼裝的最佳選擇.

● 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**  
**BCRH62 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)
BCRH62-2R9	2.9	100KHZ	68m	1.94	2.50
BCRH62-4R0	4.0	100KHZ	80m	1.63	2.00
BCRH62-5R5	5.5	100KHZ	96m	1.40	1.80
BCRH62-6R3	6.3	100KHZ	0.10	1.30	1.62
BCRH62-7R1	7.1	100KHZ	0.11	1.22	1.53
BCRH62-8R0	8.0	100KHZ	0.12	1.15	1.46
BCRH62-100	10	100KHZ	0.15	1.10	1.38
BCRH62-120	12	100KHZ	0.20	1.00	1.24
BCRH62-150	15	100KHZ	0.23	0.90	1.17
BCRH62-180	18	100KHZ	0.27	0.80	1.05
BCRH62-220	22	100KHZ	0.34	0.74	0.99
BCRH62-270	27	100KHZ	0.38	0.66	0.89
BCRH62-330	33	100KHZ	0.45	0.59	0.84
BCRH62-390	39	100KHZ	0.49	0.54	0.79
BCRH62-470	47	100KHZ	0.69	0.50	0.75



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

2.9uH~8.0uH: +40%, -20%(N) 10uH~47uH: ±20%(M).

(2). DCR test temp. limits 25°C.

(3). This indicates the value of current when the inductance is 25% 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:

2.9uH~8.0uH: +40%, -20%(N) 10uH~47uH: ±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 25% 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。