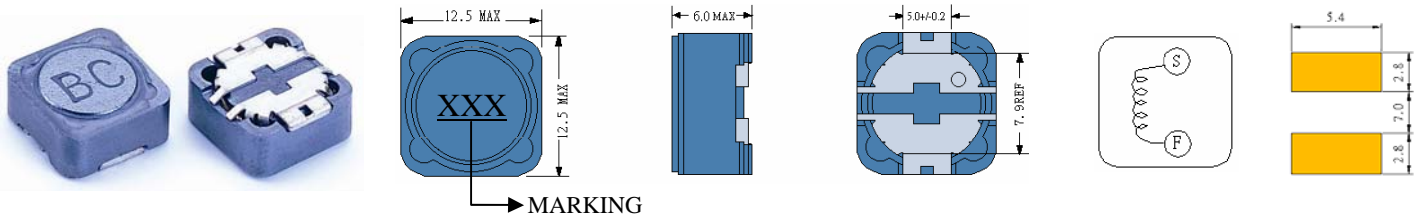


**SMD POWER INDUCTORS SMD 功率電感**  
**BCRH125 TYPE**



● 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

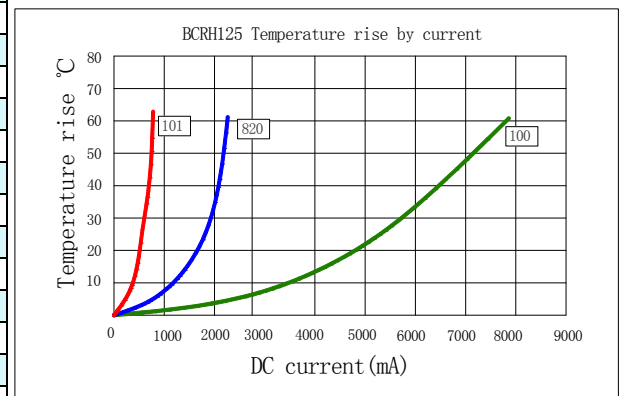
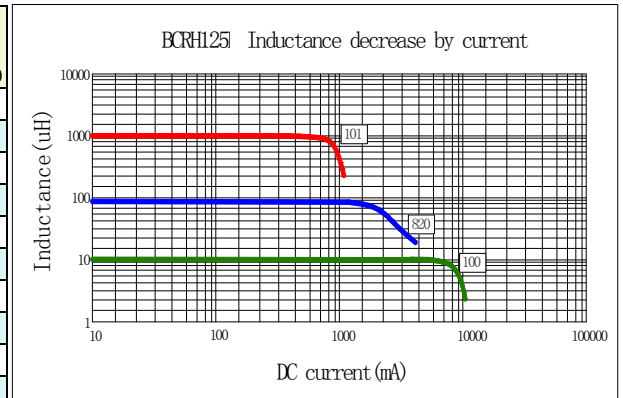
1. 廣闊的感值範圍,是高飽和表面貼裝的最佳選擇.

● 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**  
**BCRH125 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)
BCRH125-100	10	1KHZ	25m	4.00	5.50
BCRH125-120	12	1KHZ	27m	3.50	5.22
BCRH125-150	15	1KHZ	30m	3.30	4.69
BCRH125-180	18	1KHZ	34m	3.00	4.22
BCRH125-220	22	1KHZ	36m	2.80	4.00
BCRH125-270	27	1KHZ	51m	2.30	3.24
<b>BCRH125-330</b>	<b>33</b>	<b>1KHZ</b>	<b>57m</b>	<b>2.10</b>	<b>3.07</b>
BCRH125-390	39	1KHZ	68m	2.00	2.76
BCRH125-470	47	1KHZ	75m	1.80	2.48
BCRH125-560	56	1KHZ	0.11	1.70	2.23
<b>BCRH125-680</b>	<b>68</b>	<b>1KHZ</b>	<b>0.12</b>	<b>1.50</b>	<b>2.00</b>
BCRH125-820	82	1KHZ	0.14	1.40	1.80
BCRH125-101	100	1KHZ	0.16	1.30	1.70
BCRH125-121	120	1KHZ	0.22	1.10	1.60
BCRH125-151	150	1KHZ	0.25	1.00	1.52
BCRH125-181	180	1KHZ	0.32	0.90	1.44
BCRH125-221	220	1KHZ	0.40	0.80	1.29
BCRH125-271	270	1KHZ	0.46	0.75	1.16
BCRH125-331	330	1KHZ	0.51	0.68	1.04
BCRH125-391	390	1KHZ	0.69	0.65	0.93
BCRH125-471	470	1KHZ	0.77	0.58	0.83
BCRH125-561	560	1KHZ	0.93	0.54	0.74
BCRH125-681	680	1KHZ	1.20	0.48	0.66
BCRH125-821	820	1KHZ	1.45	0.43	0.59
BCRH125-102	1000	1KHZ	1.53	0.40	0.53



(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 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:±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。