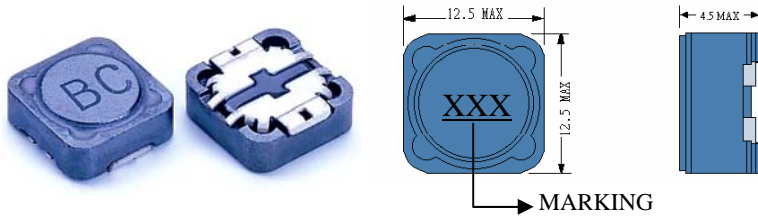


**SMD POWER INDUCTORS SMD 功率電感**  
**BCRH124 TYPE**



● Features

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

● Applications

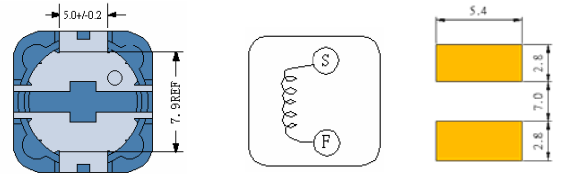
1. Power supply for VTR、OA equipment.
2. LCD television set、notebook PC.
3. Portable communication, equipments.
4. DC/DC converters, etc.

**ELECTRICAL CHARACTERISTICS FOR 電氣特性**  
**BCRH124 SERIES**

| Part Number<br>料號  | Inductance<br>電感 (uH)<br>(1) | Test<br>Frequency<br>測試頻率 | DC Resistance<br>電阻(Ω MAX)<br>(2) | Saturation<br>Current<br>飽和電流(A)<br>(3) | Temperature<br>Current<br>溫升電流(A)<br>(4) |
|--------------------|------------------------------|---------------------------|-----------------------------------|---|--|
| BCRH124-3R9        | 3.9                          | 100KHZ                    | 15m                               | 6.5                                     | 6.0                                      |
| BCRH124-4R7        | 4.7                          | 100KHZ                    | 18m                               | 5.7                                     | 5.4                                      |
| <b>BCRH124-6R8</b> | <b>6.8</b>                   | <b>100KHZ</b>             | <b>23m</b>                        | <b>4.9</b>                              | <b>4.8</b>                               |
| BCRH124-8R2        | 8.2                          | 100KHZ                    | 26m                               | 4.6                                     | 4.4                                      |
| BCRH124-100        | 10                           | 100KHZ                    | 28m                               | 4.5                                     | 4.1                                      |
| BCRH124-120        | 12                           | 100KHZ                    | 38m                               | 4.0                                     | 3.9                                      |
| BCRH124-150        | 15                           | 100KHZ                    | 50m                               | 3.2                                     | 3.5                                      |
| BCRH124-180        | 18                           | 100KHZ                    | 57m                               | 3.1                                     | 3.1                                      |
| BCRH124-220        | 22                           | 100KHZ                    | 66m                               | 2.9                                     | 3.0                                      |
| BCRH124-270        | 27                           | 100KHZ                    | 80m                               | 2.8                                     | 2.7                                      |
| BCRH124-330        | 33                           | 100KHZ                    | 97m                               | 2.7                                     | 2.43                                     |
| BCRH124-390        | 39                           | 100KHZ                    | 132m                              | 2.1                                     | 2.07                                     |
| BCRH124-470        | 47                           | 100KHZ                    | 160m                              | 1.9                                     | 1.87                                     |
| BCRH124-560        | 56                           | 100KHZ                    | 190m                              | 1.8                                     | 1.77                                     |
| BCRH124-680        | 68                           | 100KHZ                    | 220m                              | 1.5                                     | 1.60                                     |
| BCRH124-820        | 82                           | 100KHZ                    | 260m                              | 1.3                                     | 1.44                                     |
| BCRH124-101        | 100                          | 100KHZ                    | 308m                              | 1.2                                     | 1.36                                     |
| BCRH124-121        | 120                          | 100KHZ                    | 380m                              | 1.1                                     | 1.23                                     |
| BCRH124-151        | 150                          | 100KHZ                    | 530m                              | 0.95                                    | 1.16                                     |
| BCRH124-181        | 180                          | 100KHZ                    | 620m                              | 0.85                                    | 1.05                                     |
| BCRH124-221        | 220                          | 100KHZ                    | 700m                              | 0.80                                    | 0.95                                     |
| BCRH124-271        | 270                          | 100KHZ                    | 870m                              | 0.60                                    | 0.86                                     |
| BCRH124-331        | 330                          | 100KHZ                    | 990m                              | 0.50                                    | 0.78                                     |
|                    |                              |                           |                                   |   |  |
|                    |                              |                           |                                   |   |  |
|                    |                              |                           |                                   |   |  |

- (1). Inductance tested at 0.25V. Tolerance of inductance:  
3.9uH~8.2uH:±30%(N) 10uH~330uH:±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.

**AXIS POWER 經軸電子**

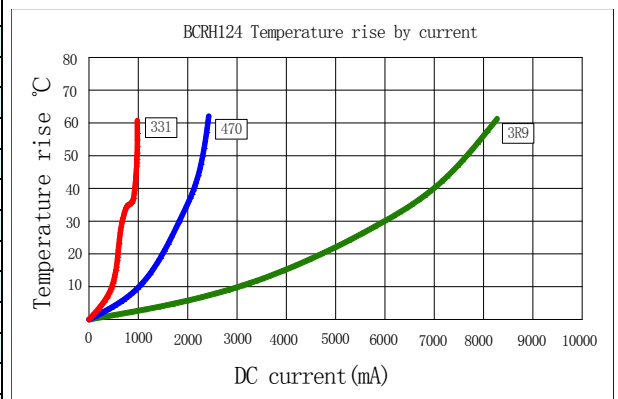
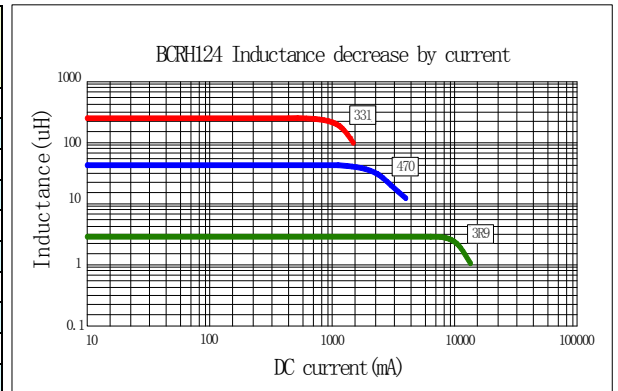


● 特點

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。



- (1). 電感測試條件為 0.25V。電感的公差為:  
3.9uH~8.2uH:±30%(N) 10uH~330uH:±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。