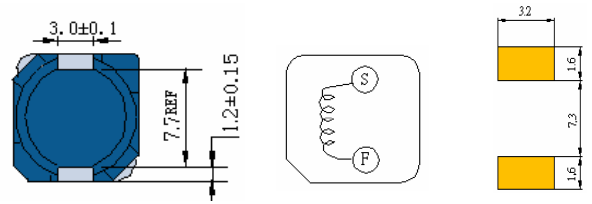
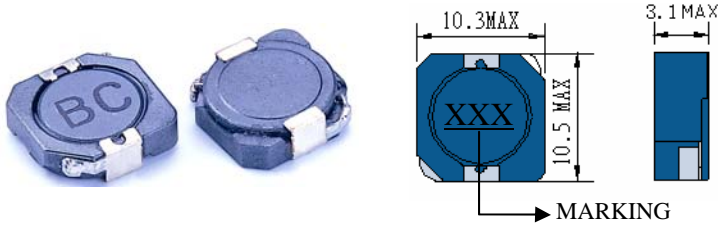


**SMD POWER INDUCTORS SMD 功率電感**  
**BCRH103R TYPE**



● 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

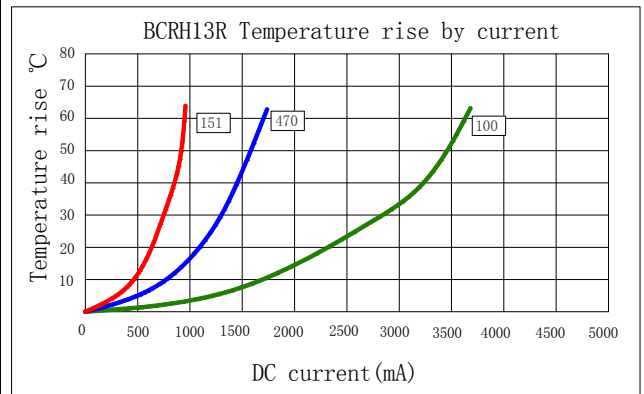
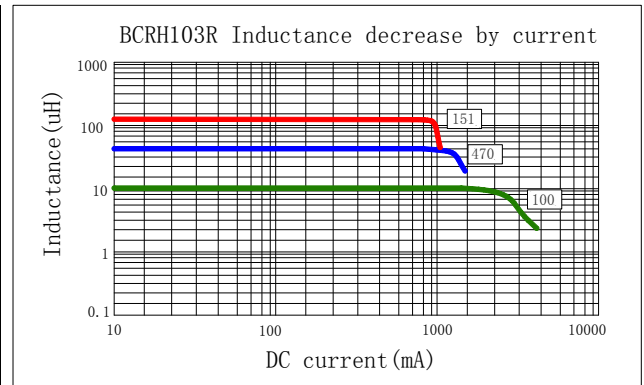
1. Power supply for VTR、OA equipment.
2. LCD television set、notebook PC.
3. Portable communication, equipments.
4. DC/DC converters, etc.

● 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**  
**BCRH103R 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)
BCRH103R-100	10	100KHZ	58m	2.70	2.75
BCRH103R-120	12	100KHZ	72m	2.25	2.48
BCRH103R-150	15	100KHZ	86m	2.22	2.24
BCRH103R-180	18	100KHZ	116m	1.90	2.00
BCRH103R-220	22	100KHZ	145m	1.78	1.80
BCRH103R-270	27	100KHZ	175m	1.63	1.62
BCRH103R-330	33	100KHZ	213m	1.45	1.46
BCRH103R-390	39	100KHZ	268m	1.32	1.32
BCRH103R-470	47	100KHZ	298m	1.18	1.30
BCRH103R-560	56	100KHZ	335m	1.10	1.08
BCRH103R-680	68	100KHZ	451m	1.04	1.00
BCRH103R-820	82	100KHZ	513m	0.94	0.98
BCRH103R-101	100	100KHZ	700m	0.84	0.92
BCRH103R-121	120	100KHZ	765m	0.76	0.88
BCRH103R-151	150	100KHZ	876m	0.70	0.73



(1). Inductance tested at 0.25V. Tolerance of inductance:±30%(N).

(2). DCR test temp. limits 25°C.

(3). This indicates the value of current when the inductance is 35% 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±30%(N)。

(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 35%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。