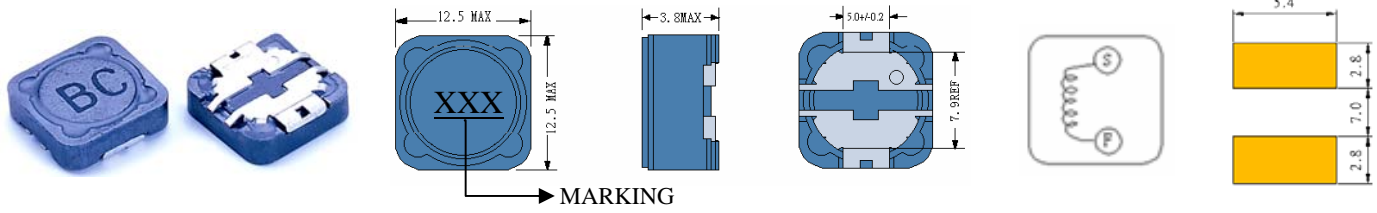


SMD POWER INDUCTORS SMD 功率電感
BCRH123 TYPE



● 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

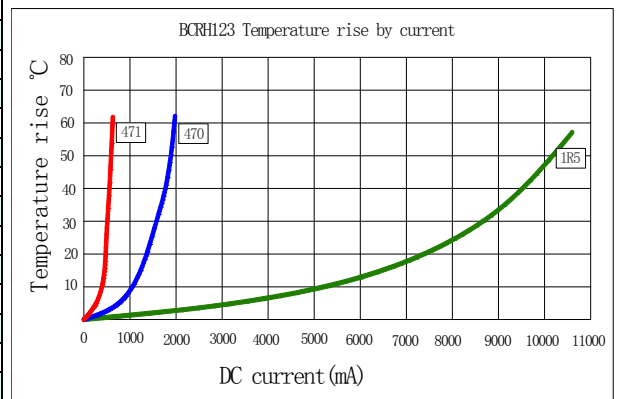
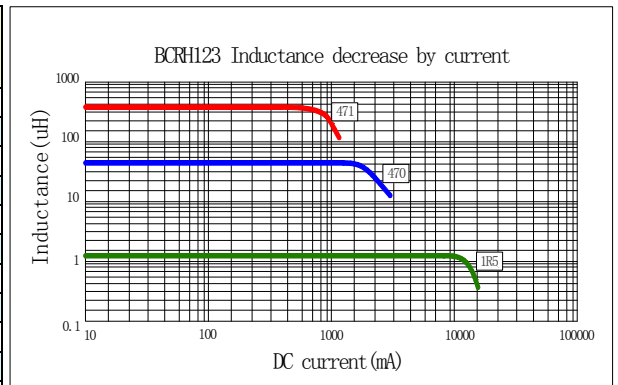
1. 廣闊的感值範圍是高飽和表面貼裝的最佳選擇。

● 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
BCRH123 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)
BCRH123-1R5	1.5	100KHZ	15m	12.0	8.00
BCRH123-2R2	2.2	100KHZ	18m	10.0	7.20
BCRH123-3R3	3.3	100KHZ	27m	9.30	6.00
BCRH123-4R7	4.7	100KHZ	36m	7.30	5.10
BCRH123-6R2	6.2	100KHZ	47m	6.70	4.59
BCRH123-8R2	8.2	100KHZ	56m	5.80	4.13
BCRH123-100	10	100KHZ	67m	5.00	3.50
BCRH123-120	12	100KHZ	73m	4.90	2.97
BCRH123-150	15	100KHZ	94m	4.20	2.67
BCRH123-180	18	100KHZ	104m	3.80	2.40
BCRH123-220	22	100KHZ	120m	3.50	2.16
BCRH123-270	27	100KHZ	131m	3.20	2.00
BCRH123-330	33	100KHZ	176m	3.00	1.80
BCRH123-390	39	100KHZ	215m	2.60	1.62
BCRH123-470	47	100KHZ	268m	2.30	1.50
BCRH123-560	56	100KHZ	285m	2.20	1.35
BCRH123-680	68	100KHZ	354m	1.90	1.28
BCRH123-820	82	100KHZ	422m	1.80	1.22
BCRH123-101	100	100KHZ	480m	1.60	1.10
BCRH123-121	120	100KHZ	620m	1.40	0.99
BCRH123-151	150	100KHZ	812m	1.30	0.85
BCRH123-181	180	100KHZ	918m	1.20	0.76
BCRH123-221	220	100KHZ	1.06	1.00	0.68
BCRH123-271	270	100KHZ	1.30	0.90	0.62
BCRH123-331	330	100KHZ	1.58	0.83	0.56
BCRH123-391	390	100KHZ	1.95	0.80	0.50
BCRH123-471	470	100KHZ	2.30	0.70	0.45



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

1.5uH~8.2uH:±30%(N) 10uH~470uH:±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:

1.5uH~8.2uH:±30%(N) 10uH~470uH:±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。