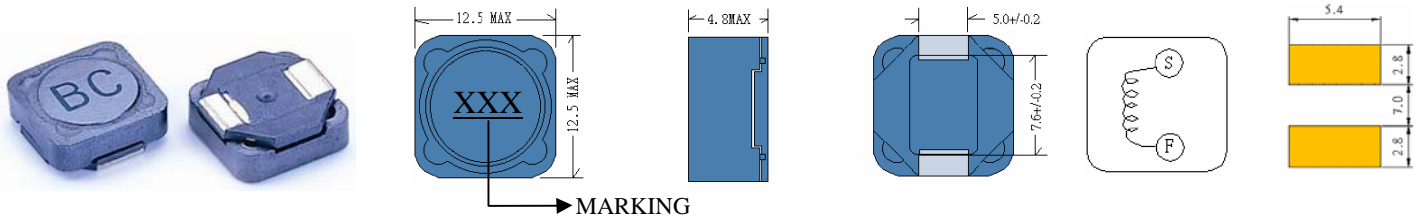


SMD POWER INDUCTORS SMD 功率電感
BCRH124B TYPE



● 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

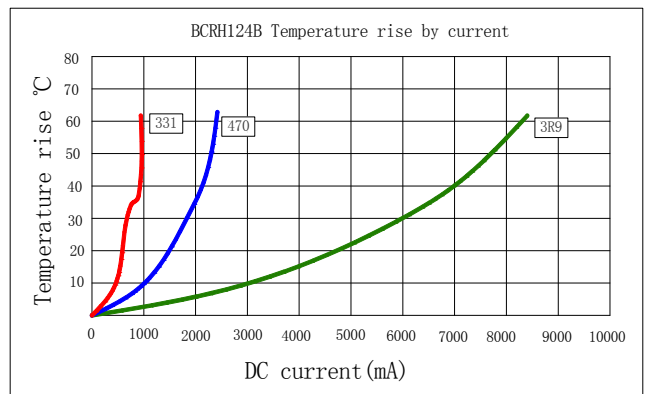
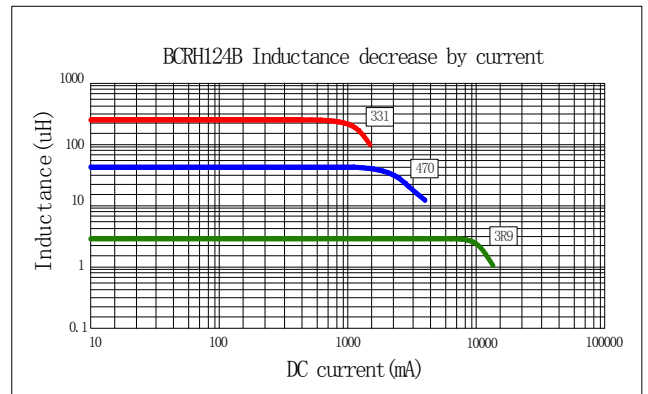
1. Power supply for VTR、OA equipment.
2. LCD television set、notebook PC.
3. Portable communication, equipments.
4. DC/DC converters, etc.

● 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
BCRH124B 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 (3) 飽和電流(A)	Temperature Current (4) 溫升電流(A)
BCRH124B-3R9	3.9	100KHZ	20m	6.5	6.00
BCRH124B-4R7	4.7	100KHZ	24m	5.7	5.40
BCRH124B-6R8	6.8	100KHZ	30m	4.9	4.80
BCRH124B-8R2	8.2	100KHZ	34m	4.6	4.40
BCRH124B-100	10	100KHZ	38m	4.5	4.10
BCRH124B-120	12	100KHZ	49m	4.0	3.90
BCRH124B-150	15	100KHZ	53m	3.2	3.50
BCRH124B-180	18	100KHZ	62m	3.1	3.10
BCRH124B-220	22	100KHZ	66m	2.9	3.00
BCRH124B-270	27	100KHZ	92m	2.8	2.70
BCRH124B-330	33	100KHZ	111m	2.7	2.43
BCRH124B-390	39	100KHZ	132m	2.1	2.07
BCRH124B-470	47	100KHZ	170m	1.9	1.87
BCRH124B-560	56	100KHZ	190m	1.8	1.77
BCRH124B-680	68	100KHZ	220m	1.5	1.60
BCRH124B-820	82	100KHZ	275m	1.3	1.44
BCRH124B-101	100	100KHZ	330m	1.2	1.36
BCRH124B-121	120	100KHZ	400m	1.1	1.23
BCRH124B-151	150	100KHZ	530m	0.95	1.16
BCRH124B-181	180	100KHZ	620m	0.85	1.05
BCRH124B-221	220	100KHZ	700m	0.80	0.95
BCRH124B-271	270	100KHZ	870m	0.60	0.86
BCRH124B-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.

- (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。