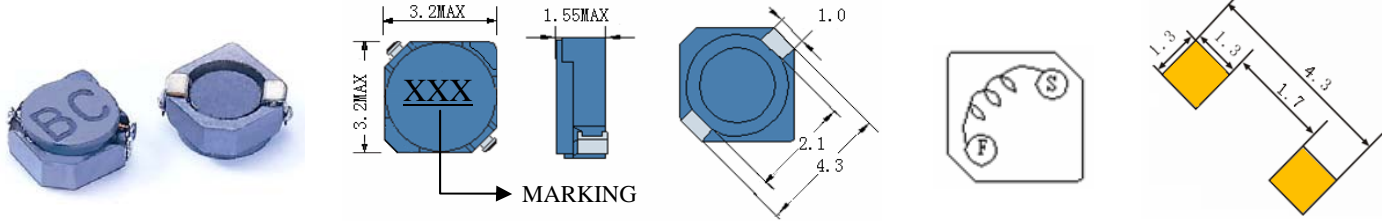


SMD POWER INDUCTORS SMD 功率電感
BCRH2D14 TYPE



● 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

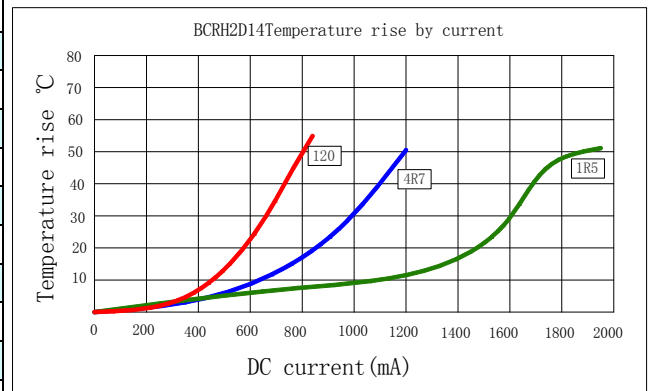
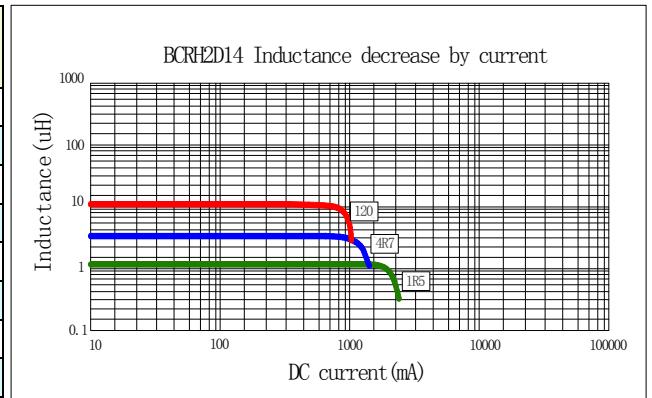
1. Power supply for VTR、OA equipment.
2. LCD television set、notebook PC.
3. Portable communication, equipments.
4. DC/DC converters, etc.

● 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
BCRH2D14 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)
BCRH2D14-1R5	1.5	100KHZ	71m	1.80	1.60
BCRH2D14-1R8	1.8	100KHZ	85m	1.65	1.44
BCRH2D14-2R2	2.2	100KHZ	106m	1.50	1.29
BCRH2D14-2R7	2.7	100KHZ	114m	1.35	1.22
BCRH2D14-3R3	3.3	100KHZ	125m	1.20	1.15
BCRH2D14-3R9	3.9	100KHZ	178m	1.10	1.03
BCRH2D14-4R7	4.7	100KHZ	195m	1.00	930m
BCRH2D14-5R6	5.6	100KHZ	222m	950m	840m
BCRH2D14-6R8	6.8	100KHZ	253m	850m	790m
BCRH2D14-8R2	8.2	100KHZ	294m	800m	750m
BCRH2D14-100	10	100KHZ	396m	700m	710m
BCRH2D14-120	12	100KHZ	515m	620m	680m



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