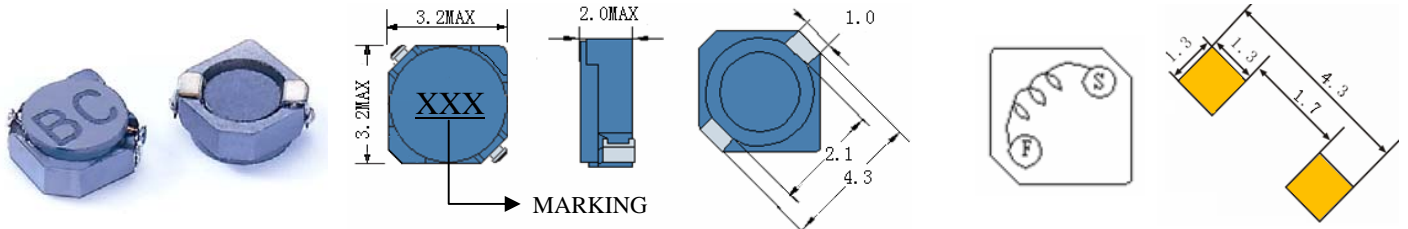


SMD POWER INDUCTORS SMD 功率電感
BCRH2D18 TYPE



● 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

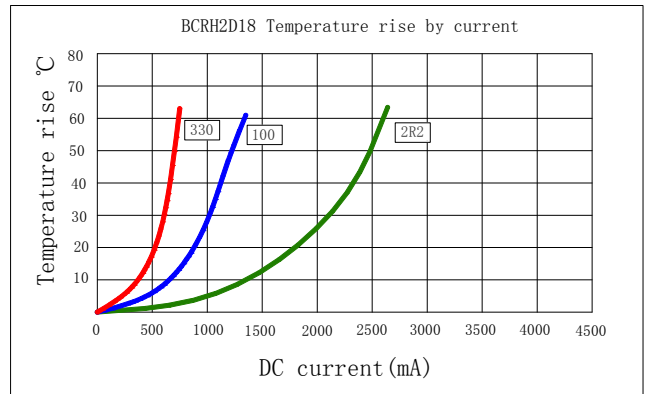
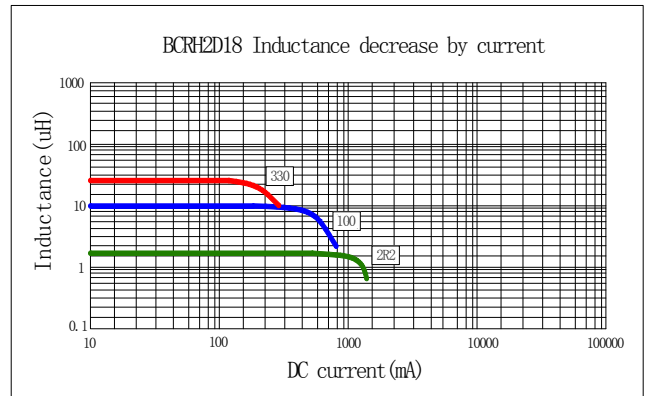
1. Power supply for VTR、OA equipment.
2. LCD television set、notebook PC.
3. Portable communication, equipments.
4. DC/DC converters, etc.

● 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
BCRH2D18 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)
BCRH2D18-2R2	2.2	100KHZ	43m	0.85	2.00
BCRH2D18-3R3	3.3	100KHZ	60m	0.73	1.80
BCRH2D18-4R7	4.7	100KHZ	85m	0.55	1.44
BCRH2D18-6R8	6.8	100KHZ	123m	0.50	1.29
BCRH2D18-100	10	100KHZ	201m	0.37	1.03
BCRH2D18-150	15	100KHZ	266m	0.34	0.92
BCRH2D18-220	22	100KHZ	382m	0.26	0.73
BCRH2D18-330	33	100KHZ	620m	0.21	0.58



- (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 $\Delta t=40^{\circ}\text{C}$ 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 $\Delta t=40^{\circ}\text{C}$ 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。