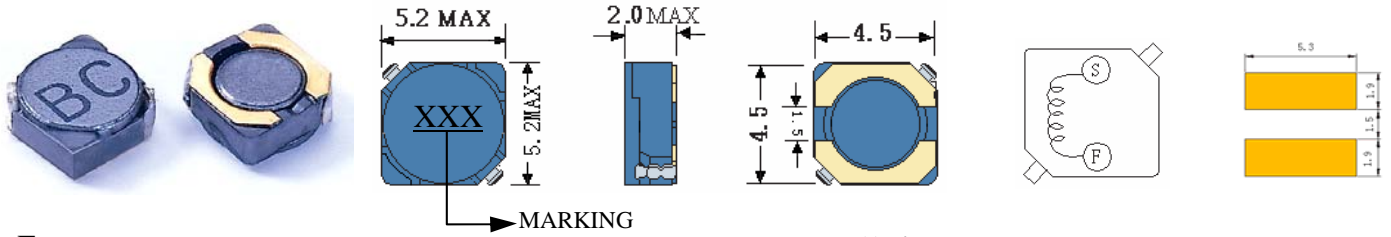


SMD POWER INDUCTORS SMD 功率電感
BCRH4D18 TYPE



● 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

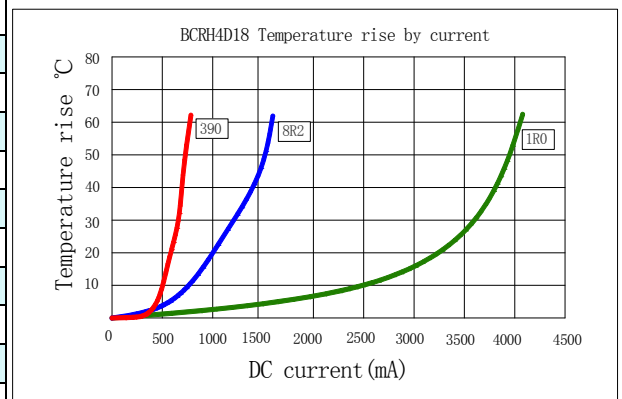
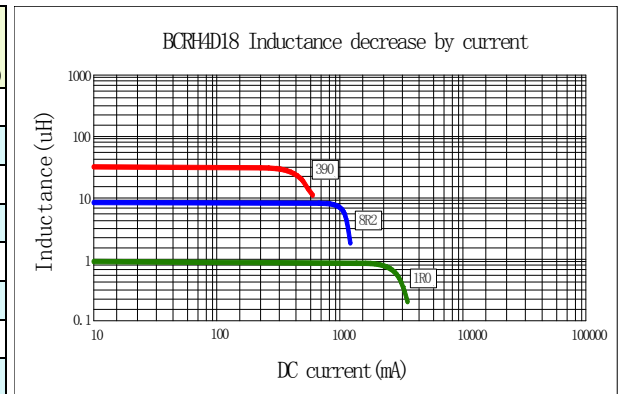
1. 廣闊的感值範圍,是高飽和表面貼裝的最佳選擇.

● 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
BCRH4D18 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)
BCRH4D18-1R0	1.0	100KHZ	35m	1.72	3.60
BCRH4D18-2R2	2.2	100KHZ	58m	1.32	2.70
BCRH4D18-2R7	2.7	100KHZ	80m	1.28	2.40
BCRH4D18-3R3	3.3	100KHZ	85m	1.04	2.10
BCRH4D18-3R9	3.9	100KHZ	120m	0.88	1.79
BCRH4D18-4R7	4.7	100KHZ	125m	0.84	1.70
BCRH4D18-5R6	5.6	100KHZ	145m	0.80	1.35
BCRH4D18-6R8	6.8	100KHZ	170m	0.76	1.28
BCRH4D18-8R2	8.2	100KHZ	190m	0.68	1.10
BCRH4D18-100	10	100KHZ	200m	0.61	1.08
BCRH4D18-120	12	100KHZ	210m	0.56	1.00
BCRH4D18-150	15	100KHZ	240m	0.50	0.95
BCRH4D18-180	18	100KHZ	338m	0.48	0.90
BCRH4D18-220	22	100KHZ	397m	0.41	0.80
BCRH4D18-270	27	100KHZ	441m	0.35	0.72
BCRH4D18-330	33	100KHZ	694m	0.32	0.66
BCRH4D18-390	39	100KHZ	709m	0.30	0.59



- (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。