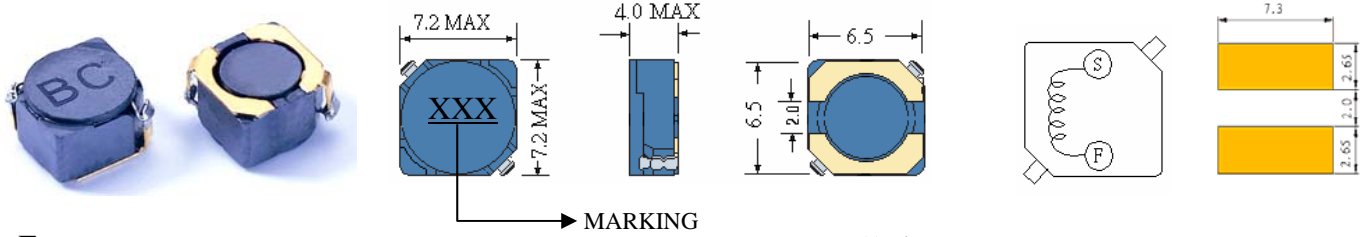


**SMD POWER INDUCTORS SMD 功率電感**  
**BCRH6D38 TYPE**



● 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

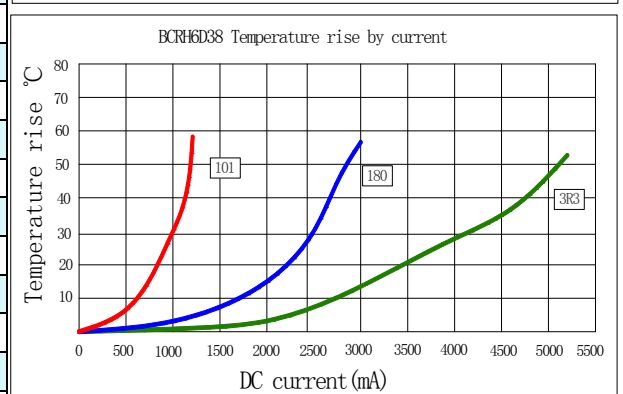
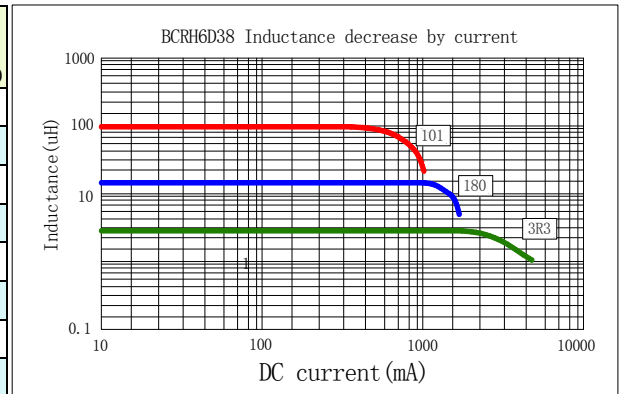
1. 廣闊的感值範圍,是高飽和表面貼裝的最佳選擇.

● 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**  
**BCRH6D38 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)
BCRH6D38-3R3	3.3	10KHZ	23m	3.50	4.00
BCRH6D38-5R0	5.0	10KHZ	26m	2.90	3.80
BCRH6D38-6R2	6.2	10KHZ	27m	2.50	3.60
BCRH6D38-7R4	7.4	10KHZ	31m	2.30	3.50
BCRH6D38-8R7	8.7	10KHZ	34m	2.20	3.33
<b>BCRH6D38-100</b>	<b>10</b>	<b>10KHZ</b>	<b>38m</b>	<b>2.00</b>	<b>3.20</b>
BCRH6D38-120	12	10KHZ	53m	1.70	2.88
BCRH6D38-150	15	10KHZ	57m	1.60	2.59
BCRH6D38-180	18	10KHZ	92m	1.50	2.43
BCRH6D38-220	22	10KHZ	96m	1.30	2.18
BCRH6D38-270	27	10KHZ	109m	1.20	1.96
BCRH6D38-330	33	10KHZ	124m	1.10	1.76
BCRH6D38-390	39	10KHZ	138m	1.00	1.67
BCRH6D38-470	47	10KHZ	155m	0.95	1.50
BCRH6D38-560	56	10KHZ	202m	0.85	1.35
BCRH6D38-680	68	10KHZ	234m	0.75	1.21
BCRH6D38-820	82	10KHZ	324m	0.70	1.08
BCRH6D38-101	100	10KHZ	358m	0.65	0.97



- (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。