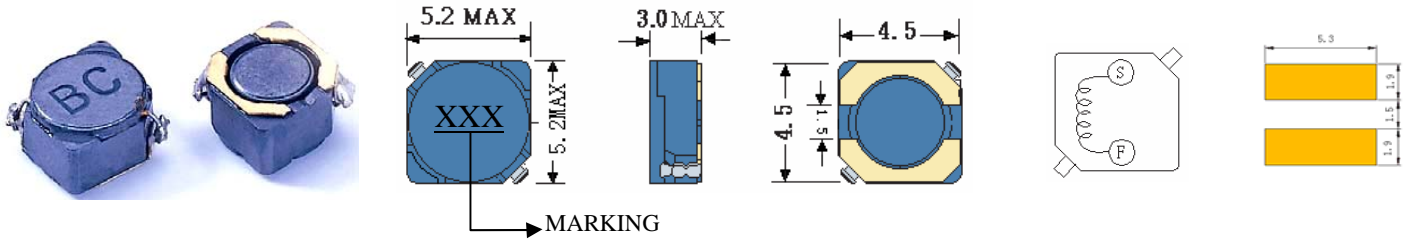


**SMD POWER INDUCTORS SMD 功率電感**  
**BCRH4D28 TYPE**



● 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

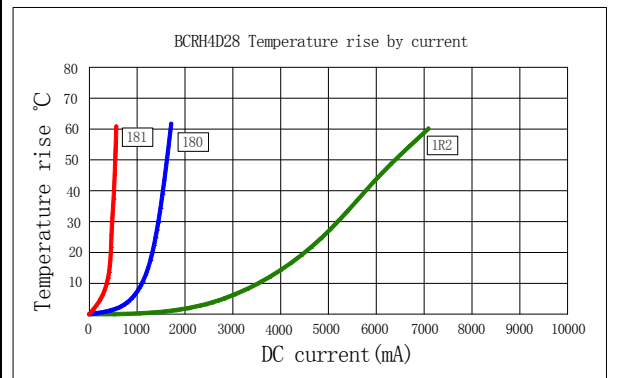
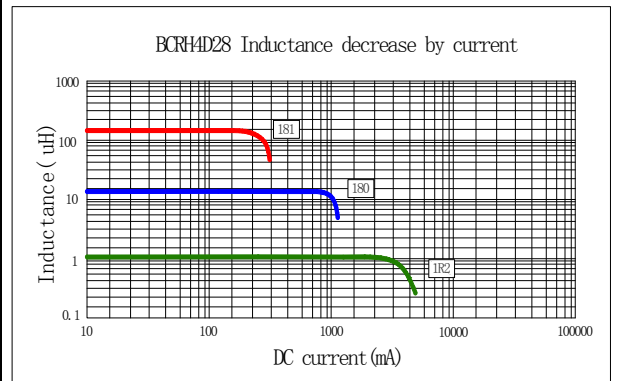
1. 廣闊的感值範圍,是高飽和表面貼裝的最佳選擇.

● 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**  
**BCRH4D28 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)
BCRH4D28-1R2	1.2	100KHZ	23.6m	2.56	5.00
BCRH4D28-1R8	1.8	100KHZ	27.5m	2.20	4.00
BCRH4D28-2R2	2.2	100KHZ	31.3m	2.04	3.60
BCRH4D28-2R7	2.7	100KHZ	43.3m	1.60	3.24
<b>BCRH4D28-3R3</b>	<b>3.3</b>	<b>100KHZ</b>	<b>49.2m</b>	<b>1.57</b>	<b>2.91</b>
BCRH4D28-3R9	3.9	100KHZ	64.8m	1.44	2.61
BCRH4D28-4R7	4.7	100KHZ	72.0m	1.32	2.32
BCRH4D28-5R6	5.6	100KHZ	100m	1.17	2.08
BCRH4D28-6R8	6.8	100KHZ	108m	1.12	1.87
BCRH4D28-8R2	8.2	100KHZ	117m	1.04	1.77
BCRH4D28-100	10	100KHZ	128m	1.00	1.51
BCRH4D28-120	12	100KHZ	131m	0.84	1.50
BCRH4D28-150	15	100KHZ	149m	0.76	1.48
BCRH4D28-180	18	100KHZ	166m	0.72	1.42
BCRH4D28-220	22	100KHZ	235m	0.70	1.17
BCRH4D28-270	27	100KHZ	261m	0.58	1.05
BCRH4D28-330	33	100KHZ	378m	0.56	0.95
BCRH4D28-390	39	100KHZ	383m	0.50	0.81
BCRH4D28-470	47	100KHZ	587m	0.48	0.73
BCRH4D28-560	56	100KHZ	624m	0.41	0.66
BCRH4D28-680	68	100KHZ	699m	0.35	0.60
BCRH4D28-820	82	100KHZ	914m	0.32	0.57
BCRH4D28-101	100	100KHZ	1.02	0.29	0.51
BCRH4D28-121	120	100KHZ	1.27	0.27	0.48
BCRH4D28-151	150	100KHZ	1.35	0.24	0.46
BCRH4D28-181	180	100KHZ	1.54	0.22	0.44



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