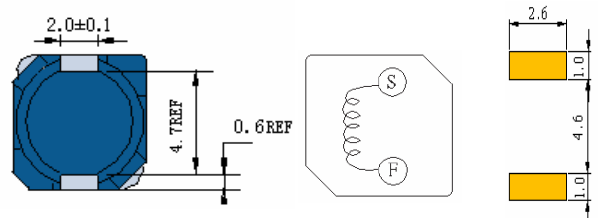
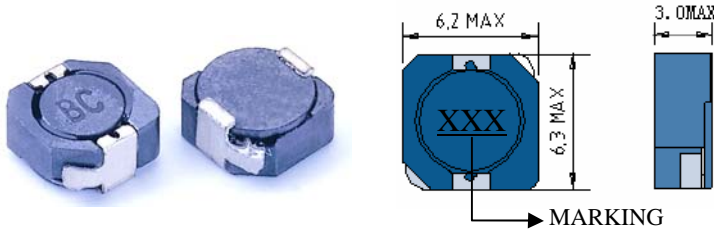


**SMD POWER INDUCTORS SMD 功率電感**  
**BCRH5D28R TYPE**



● 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

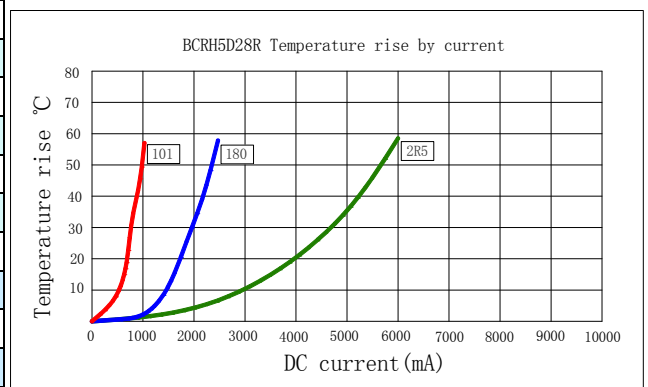
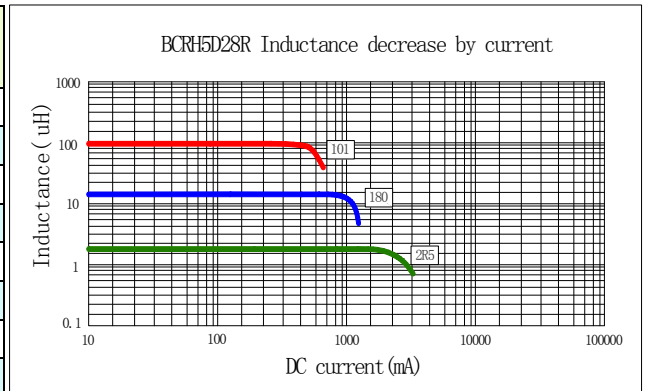
1. Power supply for VTR、OA equipment.
2. LCD television set、notebook PC.
3. Portable communication, equipments.
4. DC/DC converters, etc.

● 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**  
**BCRH5D28R 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 <sup>(3)</sup> 飽和電流(A)	Temperature Current <sup>(4)</sup> 溫升電流(A)
BCRH5D28R-2R5	2.5	100KHZ	17.6m	2.60	4.40
BCRH5D28R-3R3	3.3	100KHZ	20.3m	2.30	4.18
BCRH5D28R-4R0	4.0	100KHZ	27.0m	2.10	3.96
BCRH5D28R-5R0	5.0	100KHZ	31.1m	1.85	3.38
BCRH5D28R-6R0	6.0	100KHZ	41.9m	1.70	3.00
BCRH5D28R-8R0	8.0	100KHZ	49.9m	1.50	2.70
BCRH5D28R-100	10	100KHZ	54.0m	1.30	2.43
BCRH5D28R-120	12	100KHZ	71.6m	1.20	2.18
BCRH5D28R-150	15	100KHZ	82.4m	1.10	1.96
BCRH5D28R-180	18	100KHZ	101.5m	1.05	1.76
BCRH5D28R-220	22	100KHZ	119.0m	0.95	1.58
BCRH5D28R-270	27	100KHZ	146.0m	0.85	1.50
BCRH5D28R-330	33	100KHZ	182.5m	0.76	1.35
BCRH5D28R-390	39	100KHZ	209.5m	0.68	1.21
BCRH5D28R-470	47	100KHZ	229.5m	0.60	1.15
BCRH5D28R-560	56	100KHZ	305.0m	0.55	1.03
BCRH5D28R-680	68	100KHZ	351.0m	0.48	0.94
BCRH5D28R-820	82	100KHZ	418.5m	0.45	0.85
BCRH5D28R-101	100	100KHZ	520.0m	0.40	0.78



(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。