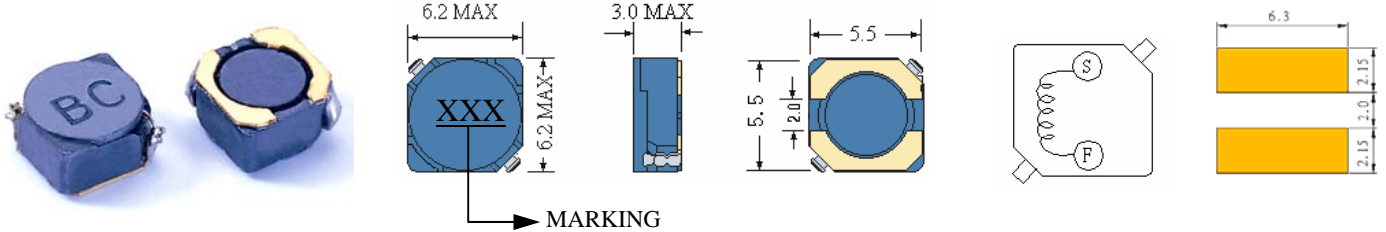


SMD POWER INDUCTORS BCRH5D28 TYPE

SMD 功率電感



● 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

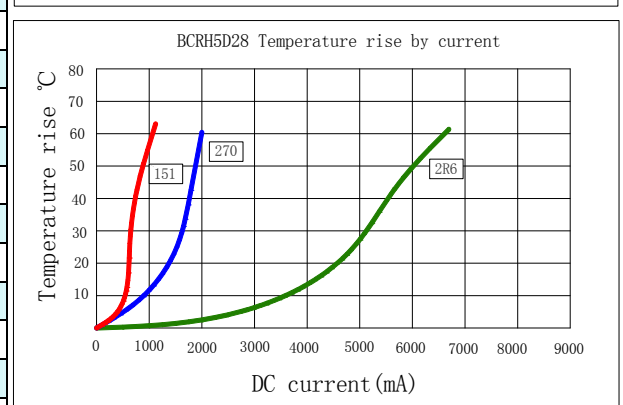
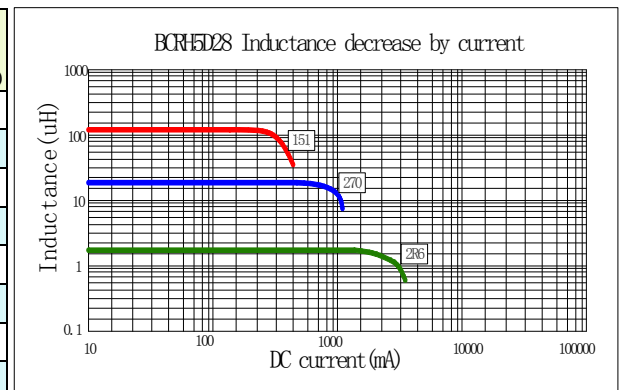
1. 廣闊的感值範圍,是高飽和表面貼裝的最佳選擇.

● 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 BCRH5D28 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)
BCRH5D28-2R6	2.6	10KHZ	18m	2.60	4.90
BCRH5D28-3R0	3.0	10KHZ	24m	2.30	4.40
BCRH5D28-4R2	4.2	10KHZ	31m	2.00	4.00
BCRH5D28-5R3	5.3	10KHZ	38m	1.80	3.60
BCRH5D28-6R2	6.2	10KHZ	45m	1.65	3.24
BCRH5D28-8R2	8.2	10KHZ	53m	1.44	2.92
BCRH5D28-100	10	10KHZ	65m	1.30	2.62
BCRH5D28-120	12	10KHZ	76m	1.15	2.35
BCRH5D28-150	15	10KHZ	103m	1.00	2.11
BCRH5D28-180	18	10KHZ	110m	0.95	1.89
BCRH5D28-220	22	10KHZ	122m	0.86	1.70
BCRH5D28-270	27	10KHZ	175m	0.79	1.53
BCRH5D28-330	33	10KHZ	189m	0.72	1.37
BCRH5D28-390	39	10KHZ	212m	0.65	1.23
BCRH5D28-470	47	10KHZ	260m	0.60	1.10
BCRH5D28-560	56	10KHZ	305m	0.55	1.04
BCRH5D28-680	68	10KHZ	355m	0.50	0.98
BCRH5D28-820	82	10KHZ	463m	0.45	0.93
BCRH5D28-101	100	10KHZ	520m	0.40	0.84
BCRH5D28-121	120	10KHZ	850m	0.31	0.75
BCRH5D28-151	150	10KHZ	956m	0.26	0.68



(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。