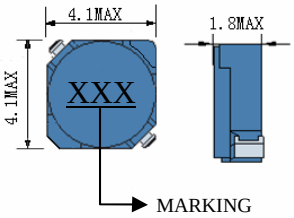
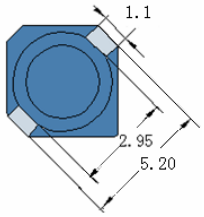
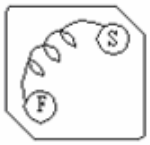
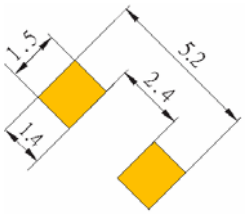
SMD POWER INDUCTORS　SMD 功率電感
BCRH3D16 TYPE









● Features
1. Various high power inductors are superior to be high saturation for surface mounting.

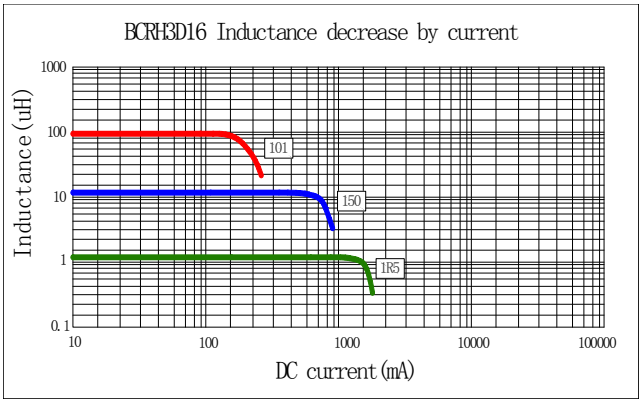
● 特點
1. 廣闊的感值範圍,是高飽和表面貼裝的最佳選擇.

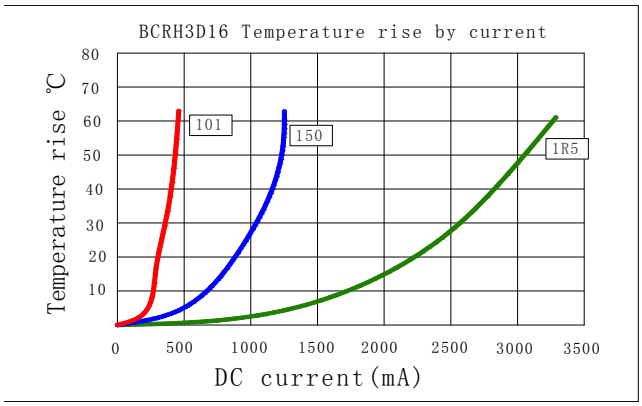
● Applications
1. Power supply for VTR、OA equipment.
2. LCD television set、notebook PC.
3. Portable communication, equipments.
4. DC/DC converters, etc.

● 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 BCRH3D16 SERIES　電氣特性

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)
BCRH3D16-1R5	1.5	100KHZ	52m	1.55	2.25
BCRH3D16-2R2	2.2	100KHZ	72m	1.20	1.80
BCRH3D16-3R3	3.3	100KHZ	85m	1.10	1.60
BCRH3D16-4R7	4.7	100KHZ	105m	0.90	1.41
BCRH3D16-6R8	6.8	100KHZ	170m	0.73	1.14
BCRH3D16-100	10	100KHZ	210m	0.55	1.08
BCRH3D16-150	15	100KHZ	295m	0.45	0.92
BCRH3D16-220	22	100KHZ	430m	0.40	0.78
BCRH3D16-330	33	100KHZ	675m	0.32	0.62
BCRH3D16-470	47	100KHZ	940m	0.22	0.52
BCRH3D16-680	68	100KHZ	1.28	0.20	0.44
BCRH3D16-820	82	100KHZ	1.55	0.17	0.41
BCRH3D16-101	100	100KHZ	1.95	0.15	0.35





(1). Inductance tested at 0.25V. Tolerance of inductance:±30%(M).
(2). DCR test temp. limits 25℃.
(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℃or more lower current.
(5). Please refer saturated current or the minimum temperature current as standard .

(1).電感測試條件爲 0.25V。電感的公差爲:±30%(M).
(2).電阻（測試）溫度爲 25℃。
(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爲Δt=40℃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爲額定電流。