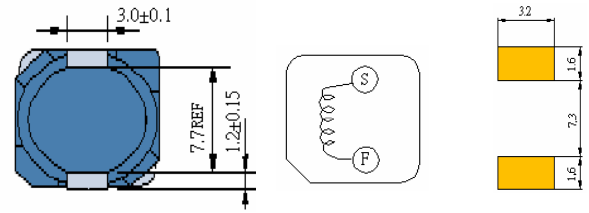
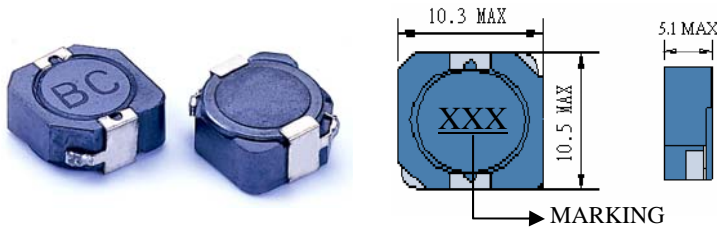


**SMD POWER INDUCTORS SMD 功率電感**  
**BCRH105R TYPE**



● 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

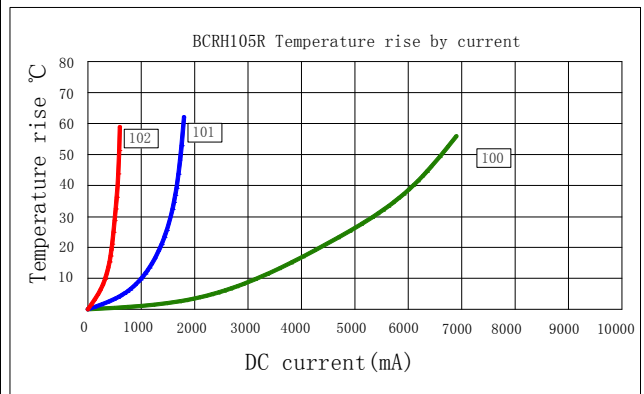
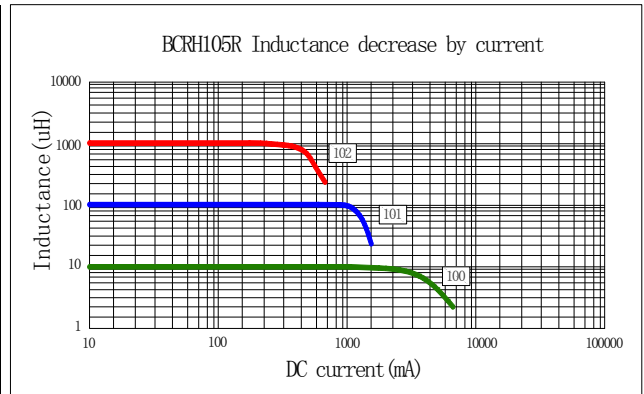
1. Power supply for VTR、OA equipment.
2. LCD television set、notebook PC.
3. Portable communication, equipments.
4. DC/DC converters, etc.

● 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**  
**BCRH105R 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)
BCRH105R-100	10	100KHZ	26m	3.45	4.50
BCRH105R-120	12	100KHZ	33m	3.40	4.27
BCRH105R-150	15	100KHZ	41m	2.83	4.00
BCRH105R-180	18	100KHZ	46m	2.62	3.80
BCRH105R-220	22	100KHZ	61m	2.44	3.40
BCRH105R-270	27	100KHZ	69m	2.24	3.00
BCRH105R-330	33	100KHZ	84m	1.88	2.70
BCRH105R-390	39	100KHZ	106m	1.70	2.43
BCRH105R-470	47	100KHZ	130m	1.56	2.10
BCRH105R-560	56	100KHZ	149m	1.39	1.90
BCRH105R-680	68	100KHZ	201m	1.36	1.65
BCRH105R-820	82	100KHZ	227m	1.20	1.50
BCRH105R-101	100	100KHZ	253m	1.09	1.42
BCRH105R-121	120	100KHZ	303m	1.00	1.34
BCRH105R-151	150	100KHZ	370m	0.91	1.27
BCRH105R-181	180	100KHZ	419m	0.84	1.20
BCRH105R-221	220	100KHZ	500m	0.75	1.08
BCRH105R-271	270	100KHZ	672m	0.68	0.97
BCRH105R-331	330	100KHZ	812m	0.60	0.87
BCRH105R-391	390	100KHZ	953m	0.57	0.78
BCRH105R-471	470	100KHZ	1.28	0.50	0.70
BCRH105R-561	560	100KHZ	1.43	0.47	0.63
BCRH105R-681	680	100KHZ	1.60	0.43	0.56
BCRH105R-821	820	100KHZ	1.75	0.39	0.50
BCRH105R-102	1000	100KHZ	1.99	0.35	0.45



(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。