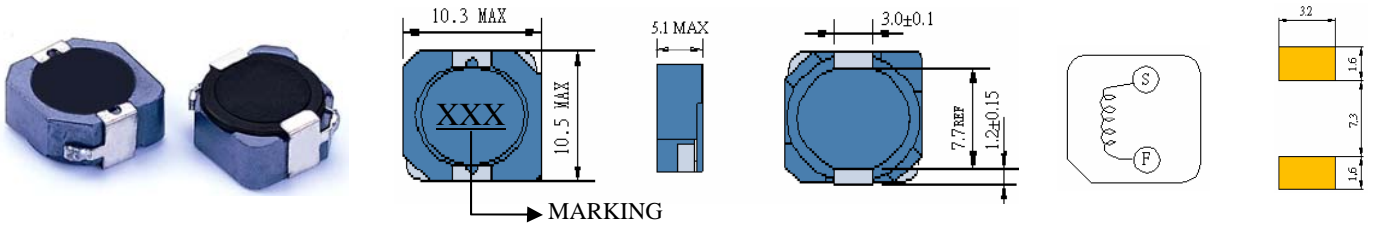


**SMD POWER INDUCTORS SMD 功率電感**  
**BCRH105RY TYPE**



● 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

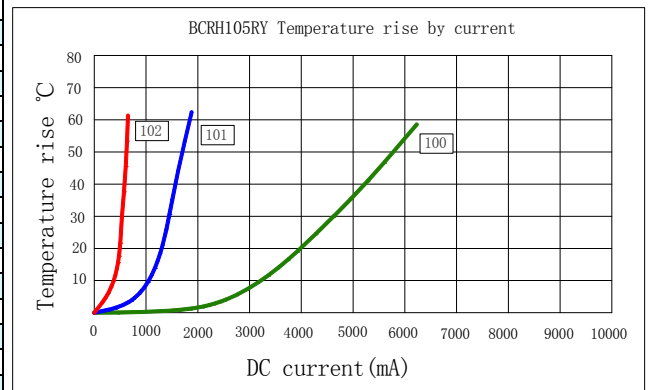
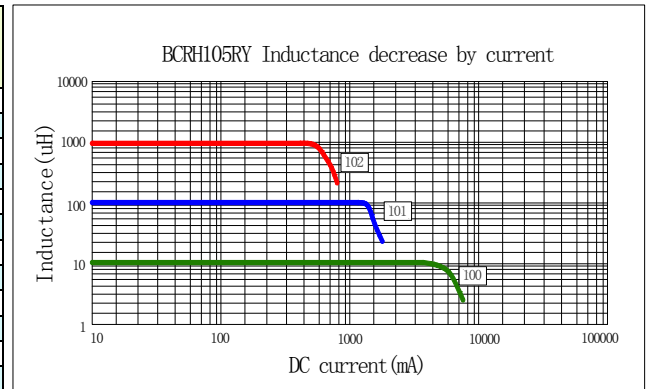
1. 廣闊的感值範圍,是高飽和表面貼裝的最佳選擇.

● 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**  
**BCRH105RY 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)
BCRH105RY-0R8	0.8	100KHZ	5m	13.5	11.50
BCRH105RY-1R5	1.5	100KHZ	6m	10.5	10.30
BCRH105RY-2R2	2.2	100KHZ	8m	9.25	9.20
BCRH105RY-3R3	3.3	100KHZ	11m	8.80	8.20
BCRH105RY-4R7	4.7	100KHZ	13m	8.00	7.30
BCRH105RY-6R8	6.8	100KHZ	18m	5.50	6.20
BCRH105RY-8R2	8.2	100KHZ	20m	5.00	5.50
BCRH105RY-100	10	100KHZ	26m	4.45	4.50
BCRH105RY-120	12	100KHZ	33m	4.00	4.00
BCRH105RY-150	15	100KHZ	41m	3.60	3.80
BCRH105RY-180	18	100KHZ	46m	3.20	3.42
BCRH105RY-220	22	100KHZ	61m	2.95	3.07
BCRH105RY-270	27	100KHZ	69m	2.70	2.76
BCRH105RY-330	33	100KHZ	84m	2.40	2.48
BCRH105RY-390	39	100KHZ	106m	2.30	2.35
BCRH105RY-470	47	100KHZ	130m	2.00	2.11
BCRH105RY-560	56	100KHZ	149m	1.90	2.00
BCRH105RY-680	68	100KHZ	201m	1.65	1.70
BCRH105RY-820	82	100KHZ	227m	1.50	1.53
<b>BCRH105RY-101</b>	<b>100</b>	<b>100KHZ</b>	<b>253m</b>	<b>1.35</b>	<b>1.35</b>
BCRH105RY-121	120	100KHZ	303m	1.28	1.28
BCRH105RY-151	150	100KHZ	370m	1.12	1.15
BCRH105RY-181	180	100KHZ	419m	1.04	1.09
BCRH105RY-221	220	100KHZ	500m	0.94	0.93
BCRH105RY-271	270	100KHZ	672m	0.84	0.85
BCRH105RY-331	330	100KHZ	812m	0.75	0.76
BCRH105RY-391	390	100KHZ	953m	0.70	0.68
BCRH105RY-471	470	100KHZ	1.30	0.60	0.60
BCRH105RY-561	560	100KHZ	1.43	0.54	0.57
BCRH105RY-681	680	100KHZ	1.60	0.52	0.54
BCRH105RY-821	820	100KHZ	1.77	0.50	0.50
BCRH105RY-102	1000	100KHZ	1.99	0.48	0.46



(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。