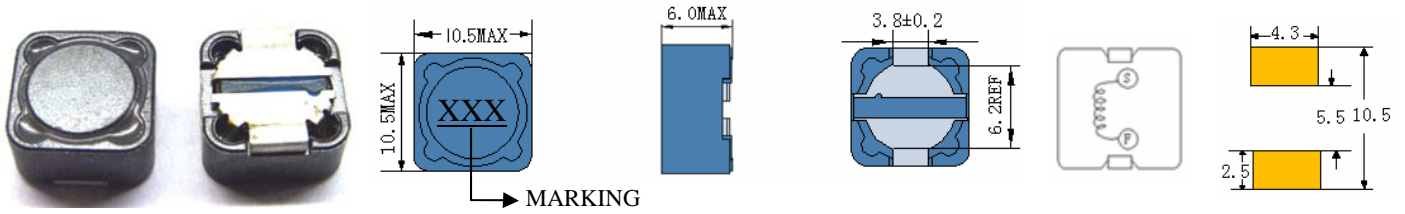


SMD POWER INDUCTORS SMD 功率電感
BCRH105A TYPE



● 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

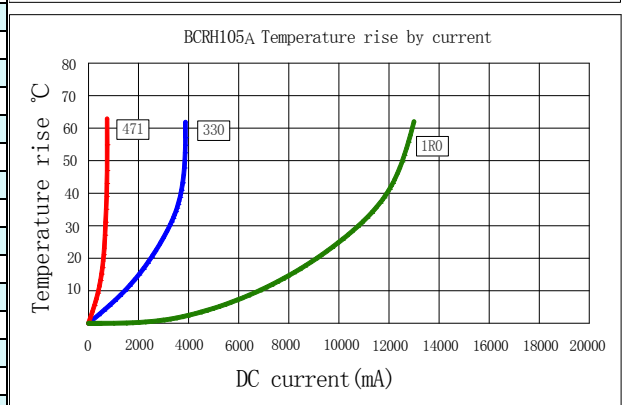
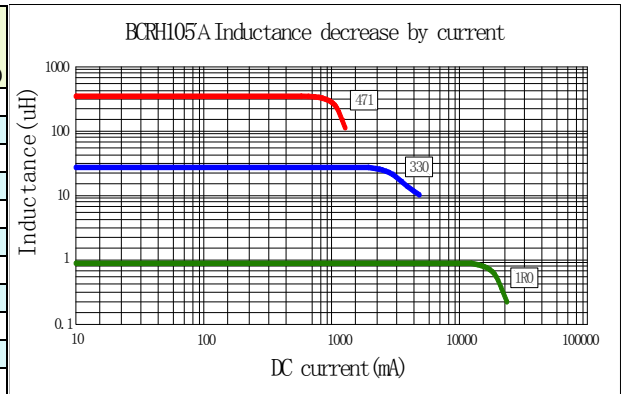
1. 廣闊的感值範圍是高飽和表面貼裝的最佳選擇。

● 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
BCRH105A 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)
BCRH105A-1R0	1.0	100KHZ	6m	15.0	10.0
BCRH105A-2R5	2.5	100KHZ	11m	9.6	9.00
BCRH105A-3R3	3.3	100KHZ	15m	8.1	8.00
BCRH105A-47R	4.7	100KHZ	17m	6.5	7.20
BCRH105A-5R6	5.6	100KHZ	21m	6.2	6.00
BCRH105A-6R8	6.8	100KHZ	26m	5.5	5.40
BCRH105A-8R2	8.2	100KHZ	30m	5.0	4.86
BCRH105A-100	10	100KHZ	38m	4.6	4.62
BCRH105A-120	12	100KHZ	39m	4.2	4.38
BCRH105A-150	15	100KHZ	52m	3.6	4.29
BCRH105A-180	18	100KHZ	58m	3.4	4.16
BCRH105A-220	22	100KHZ	70m	3.0	3.95
BCRH105A-270	27	100KHZ	90m	2.8	3.20
BCRH105A-330	33	100KHZ	110m	2.6	3.00
BCRH105A-390	39	100KHZ	130m	2.3	2.60
BCRH105A-470	47	100KHZ	147m	2.1	2.47
BCRH105A-560	56	100KHZ	185m	2.0	2.22
BCRH105A-680	68	100KHZ	225m	1.8	2.11
BCRH105A-820	82	100KHZ	286m	1.6	1.90
BCRH105A-101	100	100KHZ	322m	1.4	1.60
BCRH105A-121	120	100KHZ	425m	1.3	1.30
BCRH105A-151	150	100KHZ	510m	1.2	1.17
BCRH105A-181	180	100KHZ	690m	1.1	1.05
BCRH105A-221	220	100KHZ	735m	1.0	0.99
BCRH105A-271	270	100KHZ	935m	0.86	0.94
BCRH105A-331	330	100KHZ	1.06	0.75	0.85
BCRH105A-391	390	100KHZ	1.36	0.70	0.77
BCRH105A-471	470	100KHZ	1.46	0.60	0.69



- (1). Inductance tested at 0.25V. Tolerance of inductance:
1.0uH~8.2uH:±30%(N) 10uH~470uH:±20%(M).
- (2). DCR test temp. limits 25°C.
- (3). This indicates the value of current when the inductance is 25% 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：
1.2uH~8.2uH:±30%(N) 10uH~470uH:±20%(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 25% 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。