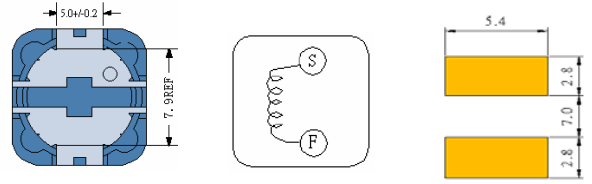
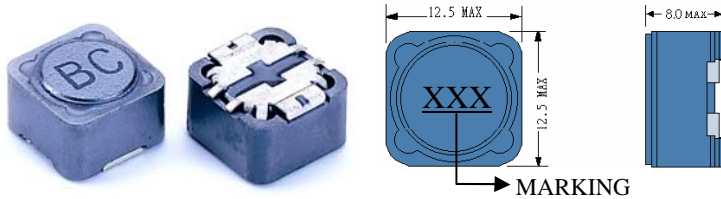


SMD POWER INDUCTORS SMD 功率電感
BCRH127 TYPE



● 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

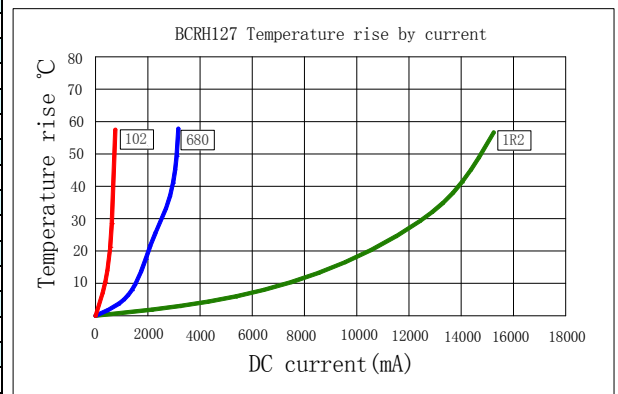
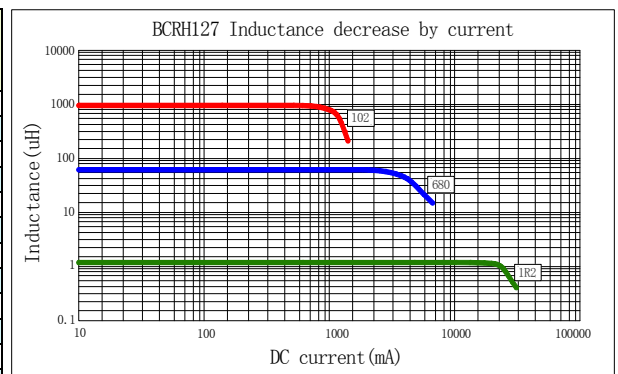
1. 廣闊的感值範圍,是高飽和表面貼裝的最佳選擇.

● 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
BCRH127 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)
BCRH127-1R2	1.2	100KHZ	7.0m	9.80	12.0
BCRH127-2R4	2.4	100KHZ	11.5m	8.00	10.8
BCRH127-3R5	3.5	100KHZ	13.5m	7.50	9.20
BCRH127-4R7	4.7	100KHZ	15.8m	6.80	7.80
BCRH127-6R1	6.1	100KHZ	17.6m	6.60	5.80
BCRH127-7R6	7.6	100KHZ	20.0m	5.90	6.30
BCRH127-100	10	1KHZ	21.6m	5.40	5.67
BCRH127-120	12	1KHZ	24.3m	4.90	5.10
BCRH127-150	15	1KHZ	27.0m	4.50	4.85
BCRH127-180	18	1KHZ	39.2m	3.90	4.36
BCRH127-220	22	1KHZ	43.2m	3.60	4.00
BCRH127-270	27	1KHZ	45.9m	3.40	3.60
BCRH127-330	33	1KHZ	64.8m	3.00	3.24
BCRH127-390	39	1KHZ	72.9m	2.75	2.91
BCRH127-470	47	1KHZ	0.10	2.50	2.62
BCRH127-560	56	1KHZ	0.11	2.35	2.35
BCRH127-680	68	1KHZ	0.14	2.10	2.23
BCRH127-820	82	1KHZ	0.16	1.95	2.00
BCRH127-101	100	1KHZ	0.22	1.70	1.80
BCRH127-121	120	1KHZ	0.25	1.60	1.70
BCRH127-151	150	1KHZ	0.28	1.42	1.60
BCRH127-181	180	1KHZ	0.35	1.30	1.52
BCRH127-221	220	1KHZ	0.39	1.16	1.44
BCRH127-271	270	1KHZ	0.56	1.06	1.36
BCRH127-331	330	1KHZ	0.64	0.95	1.22
BCRH127-391	390	1KHZ	0.70	0.88	1.03
BCRH127-471	470	1KHZ	0.98	0.79	0.92
BCRH127-561	560	1KHZ	1.07	0.73	0.83
BCRH127-681	680	1KHZ	1.46	0.67	0.75
BCRH127-821	820	1KHZ	1.64	0.60	0.68
BCRH127-102	1000	1KHZ	1.82	0.55	0.61



- (1). Inductance tested at 0.25V. Tolerance of inductance:
1.2uH~7.6uH:±30%(N) 10uH~1000uH:±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~7.6uH:±30%(N) 10uH~1000uH:±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。