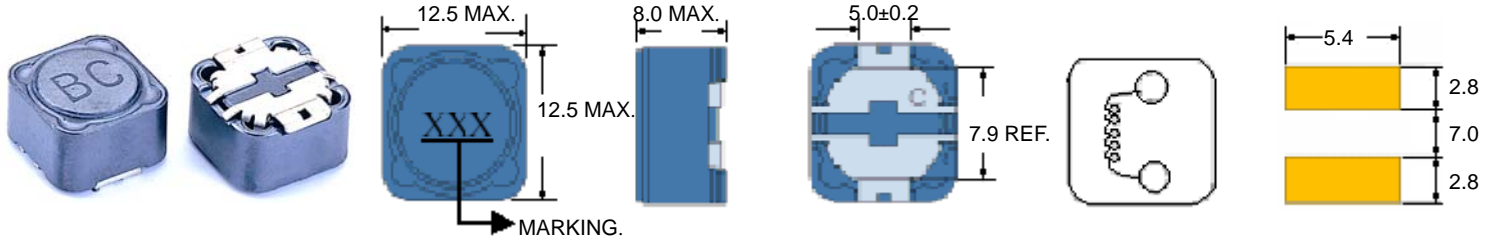


SMD POWER INDUCTORS SMD 功率電感
BCRH127/LD TYPE



● 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

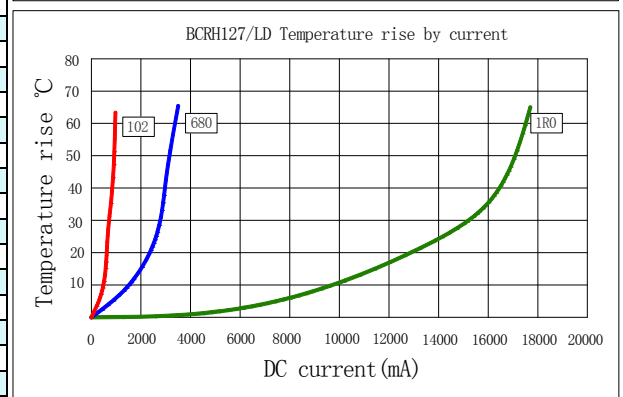
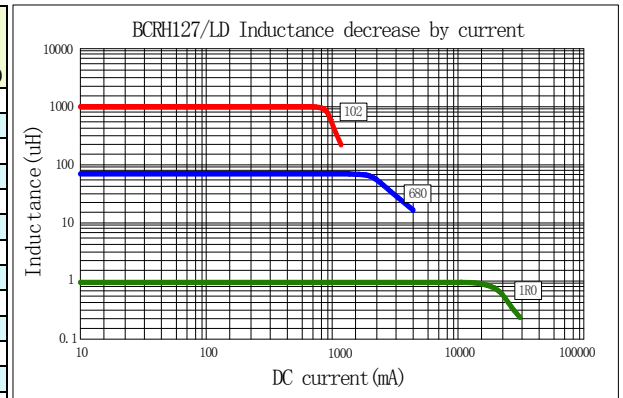
1. 廣闊的感值範圍,是高飽和表面貼裝的最佳選擇。

● 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/LD 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/LD-1R0	1.0	100KHZ	6.5m	14.0	14.0
BCRH127/LD-2R4	2.4	100KHZ	10.5m	10.3	11.3
BCRH127/LD-3R5	3.5	100KHZ	12.4m	9.30	9.60
BCRH127/LD-4R6	4.6	100KHZ	13.8m	9.10	8.16
BCRH127/LD-5R8	5.8	100KHZ	16.2m	8.60	7.70
BCRH127/LD-7R4	7.4	100KHZ	17.7m	7.40	6.90
BCRH127/LD-100	10	1KHZ	19.5m	6.70	6.21
BCRH127/LD-120	12	1KHZ	21.3m	6.45	5.59
BCRH127/LD-150	15	1KHZ	26.4m	5.65	5.31
BCRH127/LD-180	18	1KHZ	28.0m	5.10	5.04
BCRH127/LD-220	22	1KHZ	36.4m	4.70	4.78
BCRH127/LD-270	27	1KHZ	41.6m	4.20	4.08
BCRH127/LD-330	33	1KHZ	53.3m	3.90	3.67
BCRH127/LD-390	39	1KHZ	60.5m	3.50	3.48
BCRH127/LD-470	47	1KHZ	78.0m	3.25	3.13
BCRH127/LD-560	56	1KHZ	90.0m	2.90	2.97
BCRH127/LD-680	68	1KHZ	120m	2.60	2.67
BCRH127/LD-820	82	1KHZ	130m	2.40	2.40
BCRH127/LD-101	100	1KHZ	151m	2.10	2.16
BCRH127/LD-121	120	1KHZ	169m	1.90	1.95
BCRH127/LD-151	150	1KHZ	227m	1.80	1.76
BCRH127/LD-181	180	1KHZ	299m	1.55	1.58
BCRH127/LD-221	220	1KHZ	338m	1.45	1.42
BCRH127/LD-271	270	1KHZ	419m	1.30	1.28
BCRH127/LD-331	330	1KHZ	471m	1.20	1.16
BCRH127/LD-391	390	1KHZ	572m	1.10	1.04
BCRH127/LD-471	470	1KHZ	741m	1.00	0.93
BCRH127/LD-561	560	1KHZ	852m	0.95	0.84
BCRH127/LD-681	680	1KHZ	1.13	0.85	0.76
BCRH127/LD-821	820	1KHZ	1.24	0.75	0.69
BCRH127/LD-102	1000	1KHZ	1.50	0.70	0.66



- (1). Inductance tested at 0.25V. Tolerance of inductance:
1.0uH~4.7uH:±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:
1.0uH~4.7uH:±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。