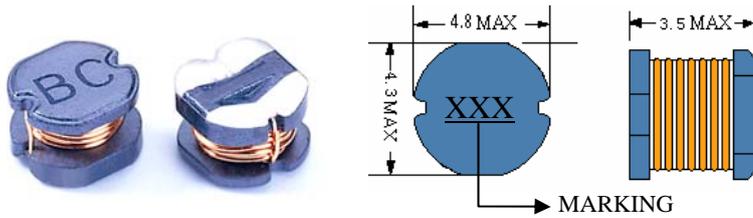


SMD POWER INDUCTORS SMD 功率電感
BC43 TYPE



● Features

1. Various high power inductors are superior to be high saturation for surface mounting.

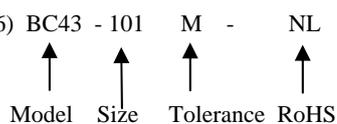
● Applications

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

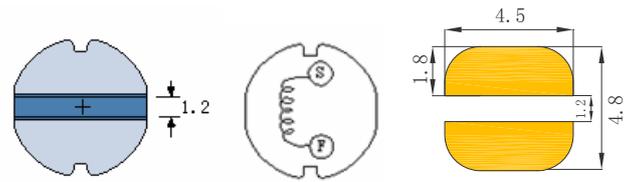
ELECTRICAL CHARACTERISTICS FOR 電氣特性
BC43 SERIES

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)
BC43-1R0	1.0	7.96MHZ	33m	3.80	3.20
BC43-1R4	1.4	7.96MHZ	38m	3.30	3.10
BC43-1R8	1.8	7.96MHZ	42m	2.91	2.90
BC43-2R2	2.2	7.96MHZ	47m	2.60	2.70
BC43-2R7	2.7	7.96MHZ	52m	2.43	2.50
BC43-3R3	3.3	7.96MHZ	58m	2.15	2.15
BC43-3R9	3.9	7.96MHZ	76m	1.98	1.98
BC43-4R7	4.7	7.96MHZ	94m	1.70	1.72
BC43-5R6	5.6	7.96MHZ	101m	1.60	1.68
BC43-6R8	6.8	7.96MHZ	117m	1.41	1.58
BC43-8R2	8.2	7.96MHZ	132m	1.26	1.40
BC43-100	10	2.52MHZ	182m	1.15	1.25
BC43-120	12	2.52MHZ	210m	1.05	1.20
BC43-150	15	2.52MHZ	235m	0.92	1.10
BC43-180	18	2.52MHZ	338m	0.84	0.95
BC43-220	22	2.52MHZ	378m	0.76	0.86
BC43-270	27	2.52MHZ	522m	0.71	0.74
BC43-330	33	2.52MHZ	540m	0.64	0.72
BC43-390	39	2.52MHZ	587m	0.59	0.64
BC43-470	47	2.52MHZ	844m	0.54	0.60
BC43-560	56	2.52MHZ	937m	0.50	0.54
BC43-680	68	2.52MHZ	1117m	0.46	0.48
BC43-101	100	2.52MHZ	1200m	0.38	0.36

- (1). Inductance tested at 0.25V. Tolerance of inductance:
1.0uH:±30%(N) 1.4uH-100uH:±20%(M).
- (2). DCR test temp. limits 25°C.
- (3). This indicates the value of current when the inductance is 10% 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.
- (6) BC43 - 101 M - NL



AXIS POWER 經軸電子

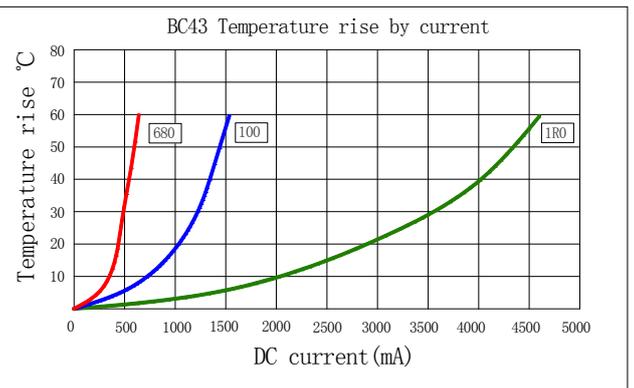
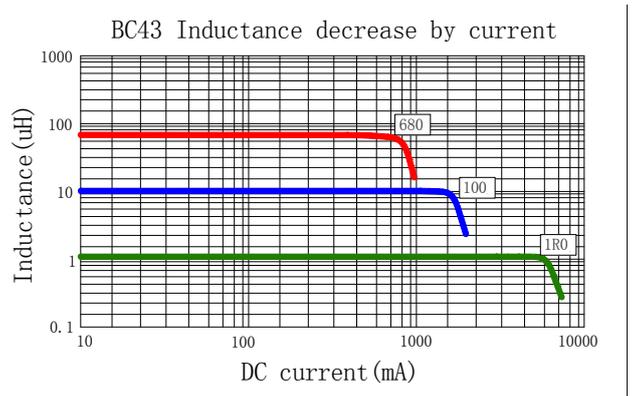


● 特點

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.



- (1). 電感測試條件為 0.25V。電感的公差為:
1.0uH:±30%(N) 1.4uH-68uH:±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 10%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。