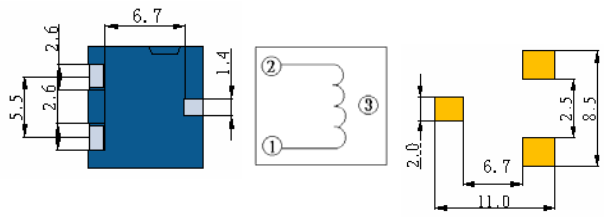
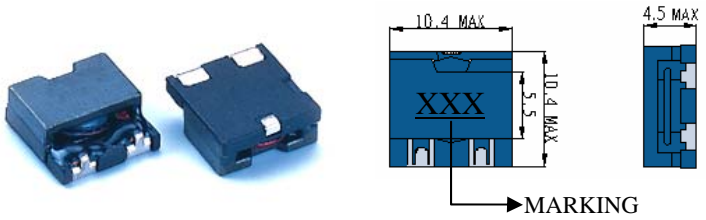


SMD POWER INDUCTORS SMD 功率電感
BCEP104S TYPE



● Features

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

● 特點

1. 廣闊的感值範圍,是高飽和表面貼裝的最佳選擇.

● Applications

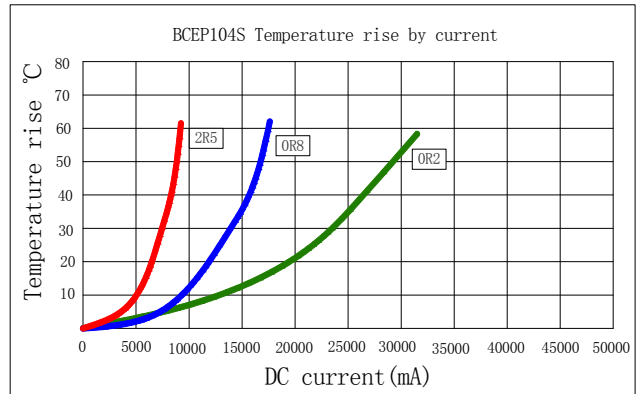
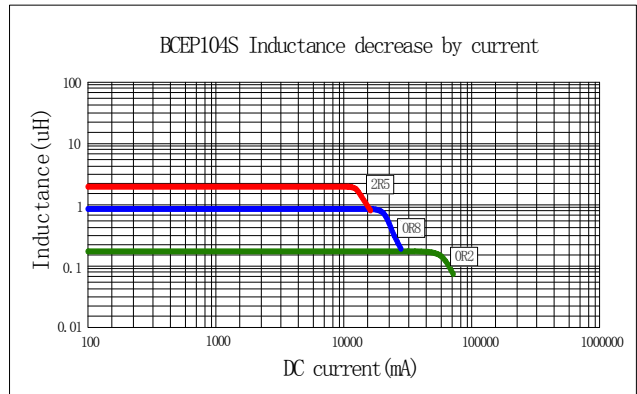
1. Power supply for VTR、OA equipment.
2. LCD television set、notebook PC.
3. Portable communication, equipments.
4. DC/DC converters, etc.

● 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
BCEP104S 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)
BCEP104S-R22	0.22	100KHZ	2.6m	39.6	23.0
BCEP104S-R45	0.45	100KHZ	3.7m	27.6	17.0
BCEP104S-R80	0.8	100KHZ	5.9m	20.7	14.0
BCEP104S-1R3	1.3	100KHZ	11.8m	16.6	10.5
BCEP104S-1R8	1.8	100KHZ	18.6m	13.3	8.00
BCEP104S-2R5	2.5	100KHZ	21.8m	11.8	7.40



- (1). Inductance tested at 0.25V. Tolerance of inductance:
 0.22uH:±30%(N) 0.45uH~2.5uH:±20%(M).
- (2). DCR test temp. limits 25°C.
- (3). This indicates the value of current when the inductance is 30% 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：
 0.22uH±:30%(N) 0.45uH~2.5uH:±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 30% 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。