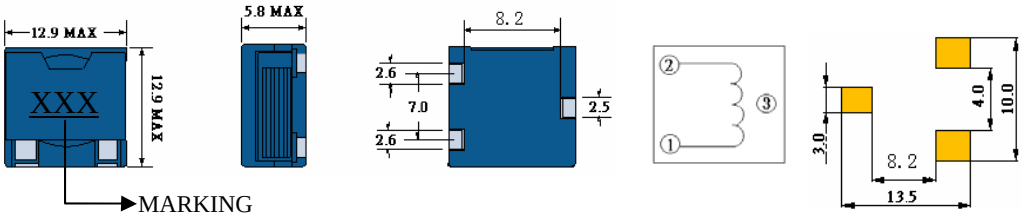
SMD POWER INDUCTORS　SMD 功率電感
BCEP125U TYPE



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

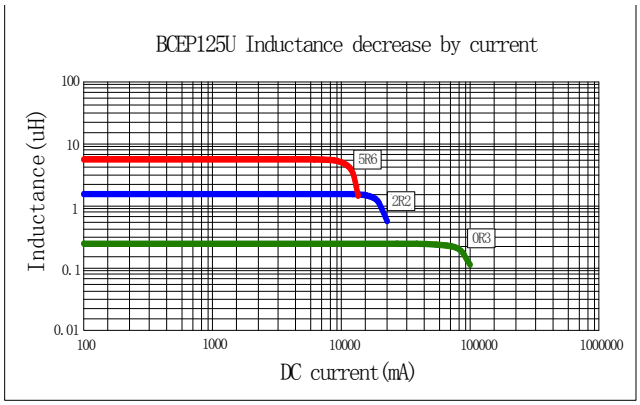
● 特點
1. 廣闊的感值範圍,是高飽和表面貼裝的最佳選擇.

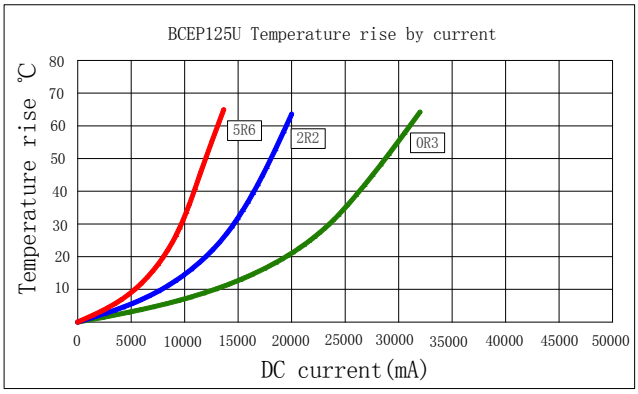
● Applications
1. Power supply for VTR、OA equipment.
2. LCD television set、notebook PC.
3. Portable communication, equipments.
4. DC/DC converters, etc.

● 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 BCEP125U SERIES　電氣特性

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)
BCEP125U-R30	0.3	100KHZ	2.5m	35.0	23.5
BCEP125U-R60	0.6	100KHZ	2.5m	30.0	18.8
BCEP125U-R80	0.8	100KHZ	2.5m	27.2	17.8
BCEP125U-1R4	1.4	100KHZ	3.8m	20.8	14.0
BCEP125U-2R2	2.2	100KHZ	5.4m	14.8	13.5
BCEP125U-3R2	3.2	100KHZ	8.0m	12.8	13.0
BCEP125U-4R3	4.3	100KHZ	11.4m	11.0	10.5
BCEP125U-4R7	4.7	100KHZ	8.8m	11.2	10.2
BCEP125U-5R6	5.6	100KHZ	13.5m	9.5	9.0





(1). Inductance tested at 0.25V. Tolerance of inductance:±20%(M).
(2). DCR test temp. limits 25℃.
(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℃or more lower current.
(5). Please refer saturated current or the minimum temperature current as standard .

(1).電感測試條件爲 0.25V。電感的公差爲:±20%(M).
(2).電阻（測試）溫度爲 25℃。
(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爲Δt=40℃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爲額定電流。