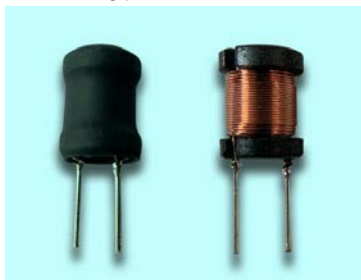
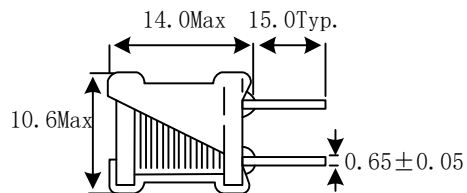




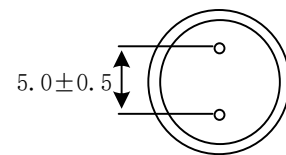
Type: FPK0810



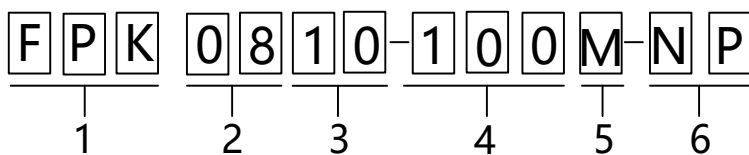
Dimensions外形尺寸(mm)



Bottom View



PRODUCT IDENTIFICATION/產品標識



1. Product symbol/產品類型 : FPK (Unshielded/無屏蔽)
2. Body diameter/產品直徑 : mm
3. Body height/產品高度 : mm
4. Inductance/感量 :  $\mu\text{H}$
5. Tolerance/公差 : K  $\pm 10\%$ , M  $\pm 20\%$ , N  $\pm 30\%$
6. RoHS Compliant(SGS Certified)

本產品滿足環境保護要求(有害物質限用)



FEATURES:

- Open magnetic circuit construction.
- Low cost and high reliability.
- Widely use in Copying machine/Display monitor/Lighting/Car electronics etc.

特長:

- 開磁路構造設計.
- 低成本及高可靠.
- 廣泛應用於影印機/顯示監視器/照明設備/汽車電子產品等.

ELECTRICAL CHARACTERISTICS/電氣特性

Part NO. 品名	Inductance 電感量( $\mu\text{H}$ )	Tolerance 公差(%)	DC Resistance 直流電阻Max( $\Omega$ )	Rated Current 額定電流Max(A)
FPK0810-1R0	1.0	N	0.015	4.50
FPK0810-1R5	1.5	N	0.020	4.50
FPK0810-2R2	2.2	N	0.020	4.20
FPK0810-2R7	2.7	N	0.020	4.20
FPK0810-3R3	3.3	N	0.020	4.00
FPK0810-3R9	3.9	N	0.020	4.00
FPK0810-4R7	4.7	M	0.025	4.00
FPK0810-5R6	5.6	M	0.025	4.00
FPK0810-6R8	6.8	M	0.025	4.00
FPK0810-8R2	8.2	M	0.035	3.80
FPK0810-100	10	M	0.040	3.80
FPK0810-120	12	K	0.040	3.20
FPK0810-150	15	K	0.045	2.80
FPK0810-180	18	K	0.060	2.50
FPK0810-220	22	K	0.070	2.10
FPK0810-270	27	K	0.085	2.00
FPK0810-330	33	K	0.090	1.80
FPK0810-390	39	K	0.100	1.60
FPK0810-470	47	K	0.110	1.50
FPK0810-560	56	K	0.150	1.30
FPK0810-680	68	K	0.190	1.00
FPK0810-820	82	K	0.210	0.90
FPK0810-101	100	K	0.240	0.80
FPK0810-121	120	K	0.260	0.80
FPK0810-151	150	K	0.310	0.75
FPK0810-181	180	K	0.380	0.70

Inductance Range/電感範圍:1.0~1000  $\mu\text{H}$

Operating Temperature/工作溫度:  $-40^{\circ}\text{C} \sim +125^{\circ}\text{C}$

Storage Temperature/儲存溫度:  $-40^{\circ}\text{C} \sim +125^{\circ}\text{C}$

(1) Test frequency :1KHz/0.25V;

(2) The maximum allowable current is a DC current which causes initial inductance to decrease by 10%, or temperature to rise by  $40^{\circ}\text{C}$ , whichever is smaller (At ambient reference temperature:  $25^{\circ}\text{C}$ ).

(1) 電感測試頻率:1KHz/0.25V;

(2) 最大容許電流定義:電感下降10%或溫度上升 $40^{\circ}\text{C}$ 時,取其小值作為最大容許電流(周圍環境溫度 $25^{\circ}\text{C}$ ).



Part NO. 品名	Inductance 電感量( $\mu$ H)	Tolerance 公差(%)	DC Resistance 直流電阻Max( $\Omega$ )	Rated Current 額定電流Max(A)
FPK0810-221	220	K	0.430	0.65
FPK0810-271	270	K	0.490	0.63
FPK0810-331	330	K	0.660	0.60
FPK0810-391	390	K	0.790	0.58
FPK0810-471	470	K	0.910	0.52
FPK0810-561	560	K	1.130	0.50
FPK0810-681	680	K	1.300	0.40
FPK0810-821	820	K	1.530	0.30
FPK0810-102	1000	K	1.800	0.27

Electrical Schematic/原理圖



In addition to the standards versions shown here, custom inductors are also available to meet your exact requirements.

除了這裡顯示的標準品之外,可根據客戶要求進行設計.

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