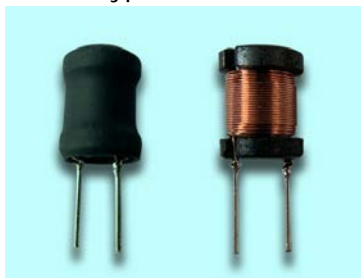
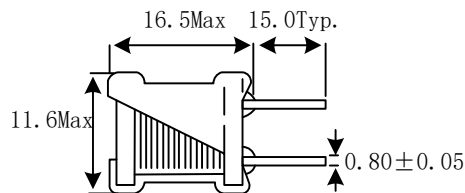




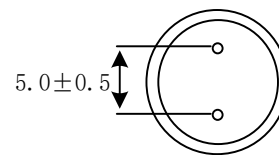
Type: FPK0912



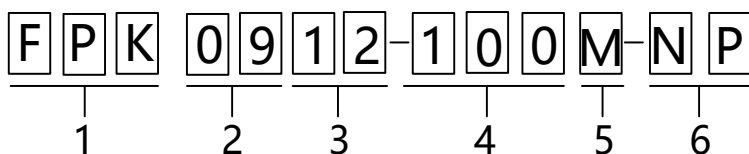
Dimensions外形尺寸 (mm)



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 : μH
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(μH) | Tolerance 公差(%) | DC Resistance 直流電阻Max(Ω) | Rated Current 額定電流Max(A) |
|----------------|------------------------------------|--------------------|--------------------------------------|-----------------------------|
| FPK0912-1R0 | 1.0 | N | 0.015 | 5.00 |
| FPK0912-1R5 | 1.5 | N | 0.015 | 5.00 |
| FPK0912-1R8 | 1.8 | N | 0.015 | 5.00 |
| FPK0912-2R2 | 2.2 | N | 0.015 | 5.00 |
| FPK0912-3R3 | 3.3 | N | 0.020 | 4.80 |
| FPK0912-3R9 | 3.9 | N | 0.020 | 4.80 |
| FPK0912-4R7 | 4.7 | M | 0.020 | 4.50 |
| FPK0912-5R6 | 5.6 | M | 0.025 | 4.00 |
| FPK0912-6R8 | 6.8 | M | 0.025 | 3.90 |
| FPK0912-8R2 | 8.2 | M | 0.025 | 3.50 |
| FPK0912-100 | 10 | M | 0.030 | 3.40 |
| FPK0912-120 | 12 | K | 0.030 | 3.20 |
| FPK0912-150 | 15 | K | 0.040 | 3.00 |
| FPK0912-180 | 18 | K | 0.045 | 2.80 |
| FPK0912-220 | 22 | K | 0.050 | 2.70 |
| FPK0912-270 | 27 | K | 0.055 | 2.50 |
| FPK0912-330 | 33 | K | 0.055 | 2.50 |
| FPK0912-390 | 39 | K | 0.060 | 2.00 |
| FPK0912-470 | 47 | K | 0.070 | 1.80 |
| FPK0912-560 | 56 | K | 0.080 | 1.70 |
| FPK0912-680 | 68 | K | 0.090 | 1.50 |
| FPK0912-820 | 82 | K | 0.110 | 1.40 |
| FPK0912-101 | 100 | K | 0.160 | 1.20 |
| FPK0912-121 | 120 | K | 0.170 | 1.10 |
| FPK0912-151 | 150 | K | 0.200 | 1.00 |
| FPK0912-181 | 180 | K | 0.220 | 0.90 |

Inductance Range/电感范围:1.0~1000 μH

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°C , whichever is smaller (At ambient reference temperature: 25°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°C 時,取其小值作為最大容許電流(周圍環境溫度 25°C).



| Part NO. 品名 | Inductance 電感量(μH) | Tolerance 公差(%) | DC Resistance 直流電阻Max(Ω) | Rated Current 額定電流Max(A) |
|----------------|-----------------------|--------------------|-----------------------------|-----------------------------|
| FPK0912-221 | 220 | K | 0.260 | 0.80 |
| FPK0912-271 | 270 | K | 0.390 | 0.70 |
| FPK0912-331 | 330 | K | 0.450 | 0.50 |
| FPK0912-391 | 390 | K | 0.490 | 0.45 |
| FPK0912-471 | 470 | K | 0.620 | 0.43 |
| FPK0912-561 | 560 | K | 0.640 | 0.40 |
| FPK0912-681 | 680 | K | 0.790 | 0.38 |
| FPK0912-821 | 820 | K | 1.340 | 0.35 |
| FPK0912-102 | 1000 | K | 1.820 | 0.30 |

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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