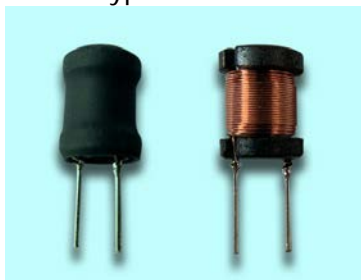
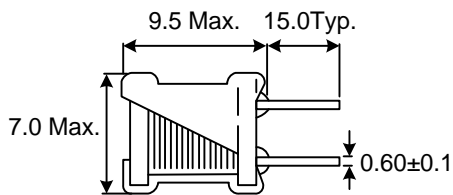




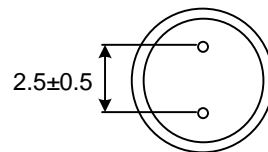
Type: FPK0507



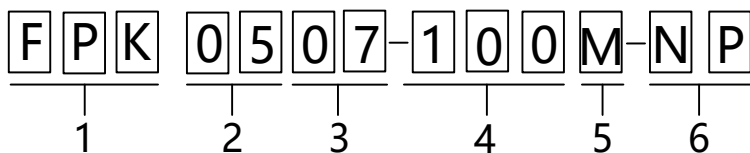
Dimensions外形尺寸(mm)



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)
FPK0507-3R3	3.3	N	0.05	2.05
FPK0507-4R7	4.7	M	0.05	2.00
FPK0507-6R8	6.8	M	0.06	1.80
FPK0507-100	10	M	0.08	1.60
FPK0507-150	15	K	0.14	1.40
FPK0507-220	22	K	0.16	1.00
FPK0507-330	33	K	0.30	0.80
FPK0507-470	47	K	0.45	0.70
FPK0507-680	68	K	0.55	0.60
FPK0507-820	82	K	0.60	0.55
FPK0507-101	100	K	0.80	0.50
FPK0507-121	120	K	1.00	0.48
FPK0507-151	150	K	1.50	0.45
FPK0507-181	180	K	1.80	0.42
FPK0507-221	220	K	2.00	0.40
FPK0507-331	330	K	2.60	0.30
FPK0507-391	390	K	2.80	0.28
FPK0507-471	470	K	3.00	0.25
FPK0507-561	560	K	3.50	0.24
FPK0507-681	680	K	4.50	0.23
FPK0507-821	820	K	5.00	0.20
FPK0507-102	1000	K	6.00	0.18
FPK0507-122	1200	K	8.00	0.16
FPK0507-152	1500	K	9.00	0.15
FPK0507-182	1800	K	10.0	0.14
FPK0507-222	2200	K	12.0	0.10

Inductance Range/電感範圍:3.3~10000 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).

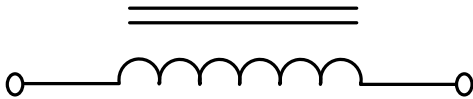
(1) 電感測試頻率:1KHz/0.25V;

(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(μ H)	Tolerance 公差(%)	DC Resistance 直流電阻Max(Ω)	Rated Current 額定電流Max(A)
FPK0507-272	2700	K	16.0	0.090
FPK0507-332	3300	K	20.0	0.080
FPK0507-392	3900	K	26.0	0.070
FPK0507-472	4700	K	30.0	0.060
FPK0507-562	5600	K	32.0	0.055
FPK0507-682	6800	K	36.0	0.050
FPK0507-822	8200	K	40.0	0.045
FPK0507-103	10000	K	60.0	0.040

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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