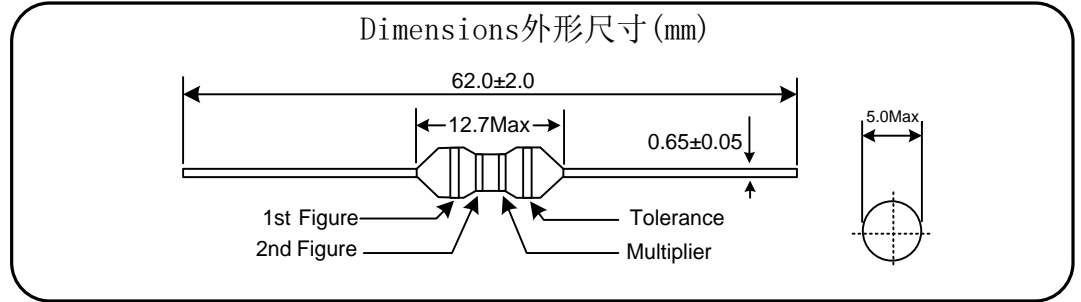
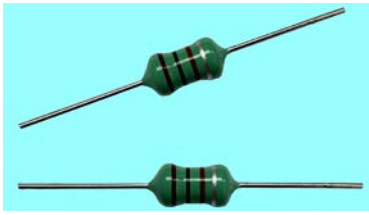
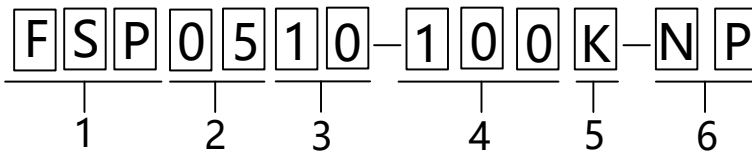




Type: FSP0510



PRODUCT IDENTIFICATION/產品標識



1. Product symbol/產品類型 : FSP (shield/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  $\pm 20\%$
6. RoHs Compliant(SGS Certified)

本產品滿足環境保護要求(有害物質限用)



FEATURES:

- Coating epoxy resin that ensures the humidity resistance to be long life.
- Low cost.
- Widely use in Electronics products/Communication equipment/Computer Devices/TV etc.

特長:

- 樹脂塗裝可耐環境乾燥及長壽命。
- 低成本。
- 廣泛應用於電子產品/通訊器材/電腦周邊設備/電視等。

ELECTRICAL CHARACTERISTICS/電氣特性

Part NO. 品名	Inductance 電感量( $\mu\text{H}$ )	Q Min.	Freq.(MHz) 測試頻率	SRF(MHz) Min.	DC Resistance 直流電阻Max( $\Omega$ )	Rated Current 額定電流Max(mA)
FSP0510-1R0M	1.0	10	7.96	190	0.018	3000
FSP0510-1R2M	1.2	10	7.96	170	0.019	2700
FSP0510-1R5M	1.5	10	7.96	160	0.020	2500
FSP0510-1R8M	1.8	10	7.96	150	0.023	2100
FSP0510-2R2M	2.2	10	7.96	130	0.031	2000
FSP0510-2R7M	2.7	10	7.96	120	0.033	1900
FSP0510-3R3M	3.3	10	7.96	110	0.054	1700
FSP0510-3R9M	3.9	10	7.96	100	0.060	1500
FSP0510-4R7K	4.7	10	7.96	86	0.068	1400
FSP0510-5R6K	5.6	10	7.96	64	0.074	1300
FSP0510-6R8K	6.8	10	7.96	44	0.080	1200
FSP0510-8R2K	8.2	10	7.96	32	0.087	1100
FSP0510-100K	10	10	7.96	25	0.095	970
FSP0510-120K	12	10	2.52	17	0.110	880
FSP0510-150K	15	10	2.52	13	0.150	790
FSP0510-180K	18	10	2.52	10	0.160	710
FSP0510-220K	22	10	2.52	8.40	0.190	640
FSP0510-270K	27	10	2.52	8.00	0.220	580
FSP0510-330K	33	10	2.52	7.60	0.240	530
FSP0510-390K	39	10	2.52	7.10	0.260	480
FSP0510-470K	47	10	2.52	6.00	0.350	430
FSP0510-560K	56	10	2.52	5.80	0.470	400
FSP0510-680K	68	10	2.52	4.30	0.530	370
FSP0510-820K	82	10	2.52	4.10	0.600	330
FSP0510-101K	100	10	2.52	3.90	0.670	300
FSP0510-121K	120	15	0.796	3.60	0.900	270

Inductance Range/電感範圍:1.0~4700 $\mu\text{H}$

Operating Temperature/工作溫度:-20 $^{\circ}\text{C}$  ~ +85 $^{\circ}\text{C}$

Storage Temperature/儲存溫度:-20 $^{\circ}\text{C}$  ~ +85 $^{\circ}\text{C}$

(1) 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) 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(μH)	Q Min.	Freq.(MHz) 測試頻率	SRF(MHz) Min.	DC Resistance 直流電阻Max(Ω)	Rated Current 額定電流Max(mA)
FSP0510-151K	150	15	0.796	3.20	1.20	250
FSP0510-181K	180	15	0.796	2.80	1.40	220
FSP0510-221K	220	15	0.796	2.30	1.90	200
FSP0510-271K	270	15	0.796	2.10	2.10	180
FSP0510-331K	330	15	0.796	1.90	2.40	170
FSP0510-391K	390	15	0.796	1.70	3.00	150
FSP0510-471K	470	15	0.796	1.40	3.40	140
FSP0510-561K	560	15	0.796	1.30	4.70	130
FSP0510-681K	680	15	0.796	1.20	6.40	110
FSP0510-821K	820	15	0.796	1.10	7.10	100
FSP0510-102K	1000	15	0.796	1.00	7.90	95
FSP0510-122K	1200	15	0.252	0.94	9.00	87
FSP0510-152K	1500	15	0.252	0.76	12.00	78
FSP0510-182K	1800	15	0.252	0.72	14.00	71
FSP0510-222K	2200	15	0.252	0.64	19.00	64
FSP0510-272K	2700	15	0.252	0.56	25.00	58
FSP0510-332K	3300	15	0.252	0.53	29.00	52
FSP0510-392K	3900	15	0.252	0.48	34.00	48
FSP0510-472K	4700	15	0.252	0.45	37.00	44

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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