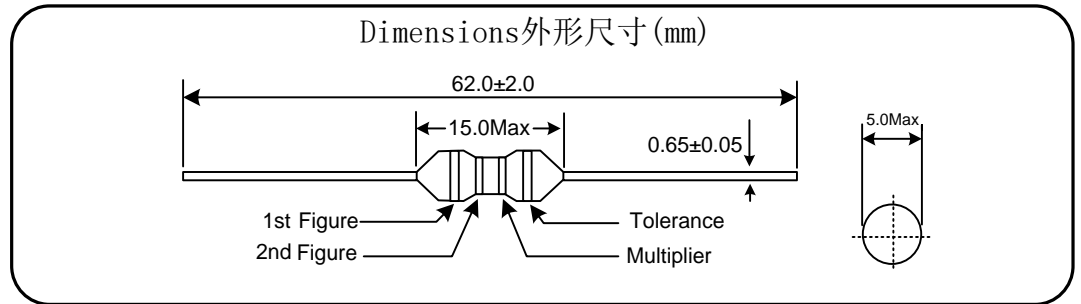
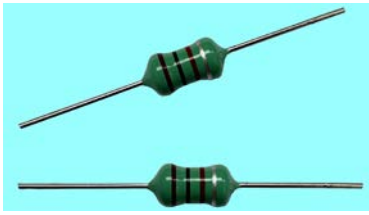
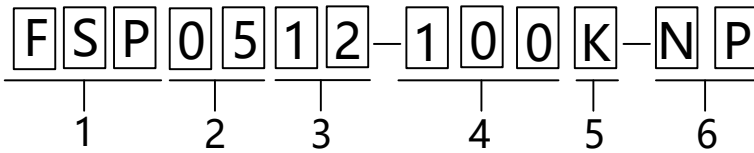




Type: FSP0512



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 : μH
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(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)
FSP0512-1R0M	1.0	10	7.96	300	0.022	3800
FSP0512-1R2M	1.2	10	7.96	260	0.024	3700
FSP0512-1R5M	1.5	10	7.96	250	0.026	3600
FSP0512-1R8M	1.8	10	7.96	240	0.029	3100
FSP0512-2R2M	2.2	10	7.96	220	0.031	2900
FSP0512-2R7M	2.7	10	7.96	195	0.034	2700
FSP0512-3R3M	3.3	10	7.96	155	0.038	2600
FSP0512-3R9M	3.9	10	7.96	115	0.040	2500
FSP0512-4R7K	4.7	10	7.96	85	0.044	2400
FSP0512-5R6K	5.6	10	7.96	55	0.048	2100
FSP0512-6R8K	6.8	10	7.96	50	0.051	2000
FSP0512-8R2K	8.2	10	7.96	38	0.056	1950
FSP0512-100K	10	10	7.96	24	0.062	1900
FSP0512-120K	12	10	2.52	18	0.076	1800
FSP0512-150K	15	10	2.52	16	0.088	1700
FSP0512-180K	18	10	2.52	15	0.110	1600
FSP0512-220K	22	10	2.52	14	0.130	1550
FSP0512-270K	27	10	2.52	13	0.140	1300
FSP0512-330K	33	10	2.52	11	0.200	1200
FSP0512-390K	39	10	2.52	10	0.220	1000
FSP0512-430K	43	10	2.52	9.5	0.280	950
FSP0512-470K	47	10	2.52	9.5	0.280	950
FSP0512-560K	56	10	2.52	8.0	0.300	900
FSP0512-680K	68	10	2.52	7.5	0.340	800
FSP0512-820K	82	10	2.52	7.0	0.390	700
FSP0512-101K	100	10	2.52	6.5	0.480	650

Inductance Range/電感範圍:1.0~4700 μH

Operating Temperature/工作溫度:-20°C ~ +85°C

Storage Temperature/儲存溫度:-20°C ~ +85°C

(1) 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) 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)	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)
FSP0512-121K	120	15	0.796	5.0	0.60	600
FSP0512-151K	150	15	0.796	4.5	0.90	500
FSP0512-181K	180	15	0.796	4.0	1.10	400
FSP0512-221K	220	15	0.796	3.8	1.25	390
FSP0512-271K	270	15	0.796	3.5	1.85	330
FSP0512-331K	330	15	0.796	3.0	2.10	310
FSP0512-391K	390	15	0.796	2.8	2.28	300
FSP0512-471K	470	15	0.796	2.5	3.22	280
FSP0512-561K	560	15	0.796	2.2	3.85	270
FSP0512-681K	680	15	0.796	2.1	4.00	240
FSP0512-821K	820	15	0.796	2.0	5.00	230
FSP0512-102K	1000	15	0.796	1.8	5.80	190
FSP0512-122K	1200	15	0.252	1.6	7.10	180
FSP0512-152K	1500	15	0.252	1.5	7.80	170
FSP0512-222K	2200	15	0.252	1.0	12.0	120
FSP0512-472K	4700	15	0.252	0.7	30.0	100

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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