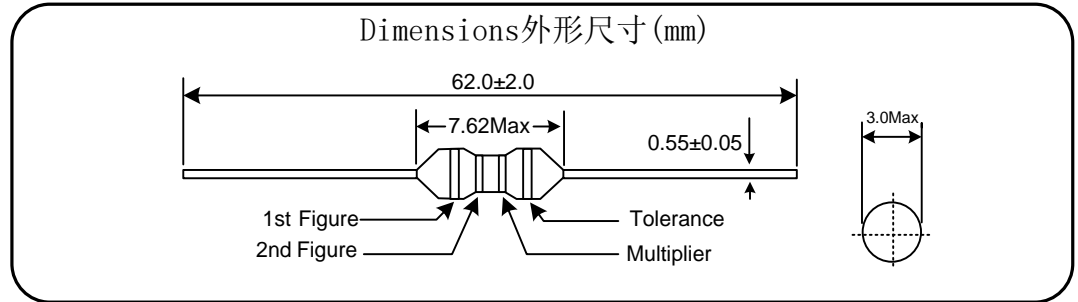
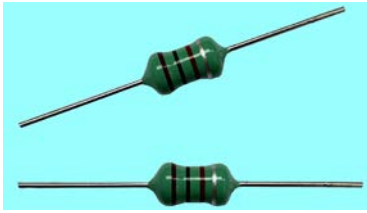
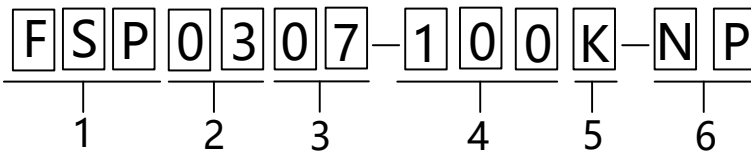




Type: FSP0307



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)
FSP0307-R10M	0.10	40	25.2	480	0.06	1400
FSP0307-R12M	0.12	40	25.2	450	0.06	1350
FSP0307-R15M	0.15	40	25.2	420	0.07	1270
FSP0307-R18M	0.18	40	25.2	400	0.07	1200
FSP0307-R22M	0.22	40	25.2	380	0.08	1150
FSP0307-R27M	0.27	40	25.2	360	0.09	1110
FSP0307-R33M	0.33	40	25.2	350	0.10	1110
FSP0307-R39M	0.39	40	25.2	320	0.10	1000
FSP0307-R47M	0.47	40	25.2	300	0.11	1000
FSP0307-R56M	0.56	40	25.2	280	0.12	950
FSP0307-R68M	0.68	40	25.2	250	0.13	900
FSP0307-R82M	0.82	40	25.2	200	0.14	900
FSP0307-1R0K	1.0	40	25.2	180	0.15	815
FSP0307-1R2K	1.2	40	7.96	165	0.18	740
FSP0307-1R5K	1.5	40	7.96	150	0.20	700
FSP0307-1R8K	1.8	50	7.96	125	0.23	655
FSP0307-2R2K	2.2	50	7.96	110	0.25	630
FSP0307-2R7K	2.7	50	7.96	95	0.28	595
FSP0307-3R3K	3.3	50	7.96	70	0.30	575
FSP0307-3R9K	3.9	50	7.96	65	0.32	555
FSP0307-4R7K	4.7	50	7.96	50	0.35	530
FSP0307-5R6K	5.6	50	7.96	40	0.40	500
FSP0307-6R8K	6.8	50	7.96	30	0.45	470
FSP0307-8R2K	8.2	50	7.96	28	0.56	425
FSP0307-100K	10	50	7.96	22	0.75	370
FSP0307-120K	12	50	2.52	20	0.80	350

Inductance Range/電感範圍:0.1~1000 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)
FSP0307-150K	15	50	2.52	16	0.93	335
FSP0307-180K	18	50	2.52	15	1.00	315
FSP0307-220K	22	50	2.52	13	1.20	285
FSP0307-270K	27	50	2.52	11	1.80	270
FSP0307-330K	33	50	2.52	10	2.10	255
FSP0307-390K	39	50	2.52	9.5	2.30	240
FSP0307-470K	47	50	2.52	8.5	2.60	205
FSP0307-560K	56	50	2.52	7.5	2.90	195
FSP0307-680K	68	50	2.52	6.5	3.30	185
FSP0307-820K	82	50	2.52	6.0	3.80	175
FSP0307-101K	100	50	2.52	5.5	4.20	165
FSP0307-121K	120	60	0.796	5.4	4.70	160
FSP0307-151K	150	60	0.796	4.7	5.40	150
FSP0307-181K	180	60	0.796	4.3	6.00	140
FSP0307-221K	220	60	0.796	4.0	7.00	130
FSP0307-271K	270	60	0.796	3.7	7.70	120
FSP0307-331K	330	60	0.796	3.4	11.10	100
FSP0307-391K	390	60	0.796	2.8	12.60	95
FSP0307-471K	470	60	0.796	2.5	14.00	90
FSP0307-561K	560	60	0.796	2.3	15.50	85
FSP0307-681K	680	60	0.796	2.0	25.30	75
FSP0307-821K	820	60	0.796	1.5	27.50	65
FSP0307-102K	1000	50	0.796	1.2	31.40	60

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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