



金属化聚酯薄膜电容器

Metallized Polyester Film Capacitor (Subminiature)

特征:

- ◇ 该电容采用金属化超薄聚酯膜作介质
- ◇ 粉末环氧包封，安全性好、外观一致性好
- ◇ 体积小，自愈性好，可靠性高，损耗小

用途:

- ◇ 适用于电源、LED、节能灯、电子镇流器、洗衣机、冰箱、空调、电视机、功放等

Features:

- ◇ This capacitor adopt the super thin metallized polyester as dielectric
- ◇ Epoxy powder coating provides safety and the identical outer appearance
- ◇ Very small size, excellent self-healing property and reliability, low dissipation factor

Application:

- ◇ Suitable for power supply, LED, energy saving lamps, electronic ballasts, washing machines, refrigerators, air conditioners, televisions, amplifiers, etc.

外形图 Outline Drawing

直线型 Straight lead type	成形型 Forming lead type	

技术要求 Specifications

引用标准 Reference Standard	GB/T 7332 (IEC60384-2)	
气候类别 Climatic Category	55/105/21	
工作温度范围 Operating Temperature Range	-55°C ~ 125°C (85 ~ 125°C) 每升高 1°C, U_R 下降 1.25%	
额定电压 Rated Voltage	250V、400V、520V、630V	
电容量范围 Capacitance Range	0.022 μ F ~ 10 μ F	
电容量偏差 Capacitance Tolerance	J = ± 5 ; K = ± 10 %	
损耗角正切 Dissipation Factor	≤ 0.01 (20°C, 1KHz)	
绝缘电阻 Insulation Resistance	250V 系列 IR $\geq 15000M\Omega$ ($C_R < 0.33\mu F$) IR $\geq 5000S$ ($C_R \geq 0.33\mu F$)	(20°C, 100V, 1min)
	400V/520V/630V 系列 IR $\geq 30000M\Omega$ ($C_R \leq 0.33\mu F$) IR $\geq 10000S$ ($C_R > 0.33\mu F$)	
耐电压 Voltage Proof	1.6 U_R (5S)	



外形尺寸 Dimension(mm)

CAP (μF)	250VDC					Part number	CAP (μF)	400VDC					Part number
	W	H	T	P	d			W	H	T	P	d	
0.1	7.5	8.0	5.0	5.0	0.5	270250104_050P_□	0.022	10.5	7.5	4.5	7.5	0.5	270400223_075P_□
0.22	7.5	10.0	6.5	5.0	0.5	270250224_050P_□	0.047	10.5	7.5	4.5	7.5	0.5	270400473_075P_□
0.047	10.5	7.5	4.5	7.5	0.5	270250473_075P_□	0.056	10.5	8.5	4.5	7.5	0.5	270400563_075P_□
0.068	10.5	8.0	4.5	7.5	0.5	270250683_075P_□	0.068	10.5	8.5	5.0	7.5	0.5	270400683_075P_□
0.1	10.5	8.5	4.5	7.5	0.5	270250104_075P_□	0.082	10.5	9.0	5.5	7.5	0.5	270400823_075P_□
0.15	10.5	8.5	5.0	7.5	0.5	270250154_075P_□	0.1	10.5	9.5	5.5	7.5	0.5	270400104_075P_□
0.22	10.5	10.0	5.0	7.5	0.5	270250224_075P_□	0.15	10.5	10.5	6.0	7.5	0.6	270400154_075P_□
0.27	10.5	10.0	5.5	7.5	0.5	270250274_075P_□	0.22	10.5	12.5	7.0	7.5	0.6	270400224_075P_□
0.29	10.5	10.0	5.5	7.5	0.5	270250294_075P_□	0.27	10.5	13.5	7.5	7.5	0.6	270400274_075P_□
0.33	10.5	10.5	6.0	7.5	0.5	270250334_075P_□	0.33	10.5	14.5	9.0	7.5	0.6	270400334_075P_□
0.47	10.5	11.5	6.5	7.5	0.5	270250474_075P_□	0.1	12.5	8.5	4.5	10.0	0.6	270400104_100P_□
1.0	10.5	15.5	8.0	7.5	0.5	270250105_075P_□	0.15	12.5	10.0	5.5	10.0	0.6	270400154_100P_□
0.22	12.5	8.0	4.5	10.0	0.6	270250224_100P_□	0.2	12.5	11.5	6.0	10.0	0.6	270400204_100P_□
0.27	12.5	8.5	4.5	10.0	0.6	270250274_100P_□	0.22	12.5	11.5	6.0	10.0	0.6	270400224_100P_□
0.33	12.5	8.5	5.0	10.0	0.6	270250334_100P_□	0.27	12.5	12.5	6.5	10.0	0.6	270400274_100P_□
0.43	12.5	11.0	5.5	10.0	0.6	270250394_100P_□	0.33	12.5	13.5	7.5	10.0	0.6	270400334_100P_□
0.47	12.5	11.0	5.5	10.0	0.6	270250474_100P_□	0.47	12.5	15.0	9.0	10.0	0.6	270400474_100P_□
0.56	12.5	11.5	6.0	10.0	0.6	270250564_100P_□	0.84	12.5	19.5	11.5	10.0	0.6	270400824_100P_□
1.0	12.5	14.0	7.0	10.0	0.6	270250105_100P_□	0.64	17.5	15.5	6.5	15.0	0.8	270400644_150P_□
1.5	12.5	17.5	8.5	10.0	0.6	270250155_100P_□	0.68	17.5	15.5	7.0	15.0	0.8	270400684_150P_□
2.2	12.5	19.5	10.0	10.0	0.6	270250225_100P_□	0.7	17.5	15.5	7.0	15.0	0.8	270400704_150P_□
0.47	17.5	10.0	5.0	15.0	0.8	270250474_150P_□	0.73	17.5	16.0	7.0	15.0	0.8	270400734_150P_□
0.68	17.5	10.5	6.0	15.0	0.8	270250684_150P_□	0.82	17.5	16.5	7.5	15.0	0.8	270400824_150P_□
1.0	17.5	12.5	7.0	15.0	0.8	270250105_150P_□	0.85	17.5	16.5	7.5	15.0	0.8	270400854_150P_□
1.5	17.5	15.0	8.0	15.0	0.8	270250155_150P_□	0.88	17.5	16.5	8.0	15.0	0.8	270400884_150P_□
2.2	17.5	17.5	8.5	15.0	0.8	270250225_150P_□	1.7	17.5	18.5	12.5	15.0	0.8	270400175_150P_□
3.3	17.5	20.0	10.0	15.0	0.8	270250335_150P_□	0.47	25.5	12.0	6.5	22.5	0.8	270400474_225P_□
4.7	17.5	22.0	11.5	15.0	0.8	270250475_150P_□	0.68	25.5	14.0	7.0	22.5	0.8	270400684_225P_□
1.0	25.5	11.5	6.0	22.5	0.8	270250105_225P_□	1.0	25.5	15.0	8.0	22.5	0.8	270400105_225P_□
1.5	25.5	13.5	6.5	22.5	0.8	270250155_225P_□	1.5	25.5	17.5	9.0	22.5	0.8	270400155_225P_□
2.2	25.5	14.5	7.5	22.5	0.8	270250225_225P_□	2.2	25.5	20.5	10.0	22.5	0.8	270400225_225P_□
3.3	25.5	17.0	8.0	22.5	0.8	270250335_225P_□	3.3	25.5	22.5	12.5	22.5	0.8	270400335_225P_□
4.7	25.5	19.5	8.5	22.5	0.8	270250475_225P_□							
6.8	25.5	21.5	11.0	22.5	0.8	270250685_225P_□							
10.0	25.5	23.5	13.5	22.5	0.8	270250106_225P_□							

备注：“—”表示容量偏差。“—”=Capacitance tolerance code
“□”表示引线方式和长度。“□”=Methods and length of lead



外形尺寸 Dimension(mm)

CAP (μF)	520VDC					Part number	CAP (μF)	520VDC					Part number
	W	H	T	P	d			W	H	T	P	d	
0.033	10.5	8.5	4.5	7.5	0.5	270520333_075P_□	0.47	17.5	15.5	8.5	15.0	0.8	270520474_150P_□
0.15	10.5	12.0	7.5	7.5	0.5	270520154_075P_□	0.68	17.5	18.0	9.5	15.0	0.8	270520684_150P_□
0.1	12.5	9.5	5.5	10.0	0.6	270520104_100P_□	1.0	17.5	22.0	11.5	15.0	0.8	270520105_150P_□
0.15	12.5	11.0	6.5	10.0	0.6	270520154_100P_□	1.5	17.5	24.5	14.0	15.0	0.8	270520155_150P_□
0.22	12.5	14.5	7.5	10.0	0.6	270520224_100P_□	0.33	25.5	13.0	6.0	22.5	0.8	270520334_225P_□
0.33	12.5	16.0	9.0	10.0	0.6	270520334_100P_□	0.47	25.5	14.0	7.0	22.5	0.8	270520474_225P_□
0.1	17.5	10.0	5.5	15.0	0.8	270520104_150P_□	0.68	25.5	16.0	7.5	22.5	0.8	270520684_225P_□
0.15	17.5	11.0	6.0	15.0	0.8	270520154_150P_□	1.0	25.5	19.0	9.0	22.5	0.8	270520105_225P_□
0.22	17.5	12.5	7.0	15.0	0.8	270520224_150P_□	1.5	25.5	21.0	11.0	22.5	0.8	270520155_225P_□
0.33	17.5	17.5	7.5	15.0	0.8	270520334_150P_□	2.2	25.5	23.0	13.0	22.5	0.8	270520225_225P_□
CAP (μF)	630VDC					Part number	CAP (μF)	630VDC					Part number
	W	H	T	P	d			W	H	T	P	d	
0.022	10.5	7.5	4.5	7.5	0.6	270630223_075P_□	0.39	12.5	20.5	12.5	10.0	0.6	270630394_100P_□
0.033	10.5	8.0	5.0	7.5	0.6	270630333_075P_□	0.33	17.5	15.0	8.0	15.0	0.8	270630334_150P_□
0.047	10.5	9.0	6.0	7.5	0.6	270630473_075P_□	0.47	17.5	17.5	9.0	15.0	0.8	270630474_150P_□
0.068	10.5	11.0	6.5	7.5	0.6	270630683_075P_□	0.56	17.5	19.5	10.0	15.0	0.8	270630564_150P_□
0.082	10.5	11.5	7.0	7.5	0.6	270630823_075P_□	0.22	25.5	12.0	6.5	22.5	0.8	270630224_225P_□
0.1	10.5	12.5	7.5	7.5	0.6	270630104_075P_□	0.33	25.5	13.0	7.5	22.5	0.8	270630334_225P_□
0.047	12.5	10.0	5.5	10.0	0.6	270630473_100P_□	0.47	25.5	15.0	8.0	22.5	0.8	270630474_225P_□
0.1	12.5	12.0	7.0	10.0	0.6	270630104_100P_□	0.68	25.5	16.5	9.5	22.5	0.8	270630684_225P_□
0.15	12.5	14.0	7.5	10.0	0.6	270630154_100P_□	1.0	25.5	20.5	10.5	22.5	0.8	270630105_225P_□
0.2	12.5	16.0	8.5	10.0	0.6	270630204_100P_□	1.5	25.5	23.0	13.0	22.5	0.8	270630155_225P_□
0.22	12.5	16.5	9.0	10.0	0.6	270630224_100P_□	2.2	25.5	25.5	15.5	22.5	0.8	270630225_225P_□
0.33	12.5	19.0	11.5	10.0	0.6	270630334_100P_□							

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“□”表示引线方式和长度。“□”=Methods and length of lead