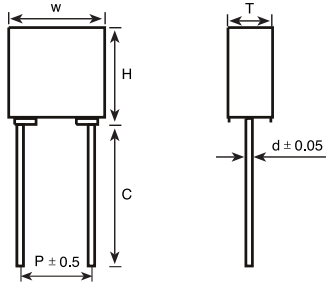


塑料外壳金属化聚酯膜电容器(P=5.0) Box-type metallized polyester film capacitor

外形图 Outline Drawing



特点

- 金属化聚酯膜，叠片式结构/无感卷绕结构
- 塑料外壳(UL94 V-0)，阻燃环氧填充
- 抗脉冲能力强

主要用途:

- 旁路，隔直，耦合，退耦
- 脉冲，逻辑，定时，电路振荡器
- LCD监视器整流，汽车直流马达抑制干扰

技术要求 Specifications

Features

- Metallized polyester film, stacked non-inductive wound construction
- Plastic case(UL94 V-0), Epoxy resin sealing
- High dv/dt ability

Typical Applications:

- By-passing, blocking, coupling, decoupling,
- Pulse logic, timing, oscillator circuits.
- Invert for LCD monitors, automotive DC motor suppression

引用标准 Reference Standard	GB/T 7332 (IEC 60384-2)		
气候类别 Climatic Category	40/105/56		
额定温度 Rated Temperature	85℃		
工作温度范围 Operating Temperature Range	-40℃~105℃ (+85℃ to +105℃: decreasing factor 1.25% per °C for U _R)		
额定电压 Rated Voltage	50/63V、100V、250V、400V、630V		
电容量范围 Capacitance Range	0.0010μF~2.2μF		
电容量偏差 Capacitance Tolerance	± 5%(J), ± 10%(K), ± 20%(M)		
耐电压 Voltage Proof	1.6U _R (5s)		
损耗角正切 Dissipation Factor	测试频率 Frequency	C _R ≤ 0.1μF	C _R > 0.1μF
	1kHz	≤ 1.0%	≤ 1.0%
	10kHz	≤ 1.5%	≤ 1.5%
	100kHz	≤ 3.0%	
绝缘电阻 Insulation Resistance	U _R > 100V	≥ 9 000MΩ, C _R ≤ 0.33μF ≥ 3 000s, C _R > 0.33μF (20℃, 100V, 1min)	
	U _R ≤ 100V	≥ 3 750MΩ, C _R ≤ 0.33μF ≥ 1 250s, C _R > 0.33μF (20℃, 10V, 1min)	
最大脉冲爬升速率Maximum Pulse Rise Time (dV/dt): 若实际工作电压U比额定电压U _R 低，电容器可工作在更高的dV/dt场合。这样dV/dt允许值应为右表值乘以U _R /U。 If the working voltage (U) is lower than the rated voltage (U _R), the capacitor can be worked at a higher dV/dt. In this case, the maximum allowed dV/dt is obtain by multiplying the right value with U _R /U.	U _R (V)	dV/dt(V/μs)	
		pattern I	pattern II
	50/63	250	75
	100	300	85
	250	400	100
	400	600	150
	500	700	200
	630	800	
700	-	250	



METALLIZED POLYESTER FILM CAPACITOR

尺寸 Dimensions(mm)

Rated Cap.	63VDC					Rated Cap.	100VDC					Rated Cap.	250VDC				
	W	H	T	P	d		W	H	T	P	d		W	H	T	P	d
	± 0.5	± 0.5	± 0.5	± 1.0	± 0.05		± 0.5	± 0.5	± 0.5	± 1.0	± 0.05		± 0.5	± 0.5	± 0.5	± 1.0	± 0.05
1000pF	7.2	6.5	2.5	5.0	0.5	1000pF	7.2	6.5	2.5	5.0	0.5	1000pF	7.2	6.5	2.5	5.0	0.5
1200pF	7.2	6.5	2.5	5.0	0.5	1200pF	7.2	6.5	2.5	5.0	0.5	1200pF	7.2	6.5	2.5	5.0	0.5
1500pF	7.2	6.5	2.5	5.0	0.5	1500pF	7.2	6.5	2.5	5.0	0.5	1500pF	7.2	6.5	2.5	5.0	0.5
1800pF	7.2	6.5	2.5	5.0	0.5	1800pF	7.2	6.5	2.5	5.0	0.5	1800pF	7.2	6.5	2.5	5.0	0.5
2200pF	7.2	6.5	2.5	5.0	0.5	2200pF	7.2	6.5	2.5	5.0	0.5	2200pF	7.2	6.5	2.5	5.0	0.5
2700pF	7.2	6.5	2.5	5.0	0.5	2700pF	7.2	6.5	2.5	5.0	0.5	2700pF	7.2	6.5	2.5	5.0	0.5
3300pF	7.2	6.5	2.5	5.0	0.5	3300pF	7.2	6.5	2.5	5.0	0.5	3300pF	7.2	6.5	2.5	5.0	0.5
3900pF	7.2	6.5	2.5	5.0	0.5	3900pF	7.2	6.5	2.5	5.0	0.5	3900pF	7.2	6.5	2.5	5.0	0.5
4700pF	7.2	6.5	2.5	5.0	0.5	4700pF	7.2	6.5	2.5	5.0	0.5	4700pF	7.2	6.5	2.5	5.0	0.5
5600pF	7.2	6.5	2.5	5.0	0.5	5600pF	7.2	6.5	2.5	5.0	0.5	5600pF	7.2	6.5	2.5	5.0	0.5
6800pF	7.2	6.5	2.5	5.0	0.5	6800pF	7.2	6.5	2.5	5.0	0.5	6800pF	7.2	6.5	2.5	5.0	0.5
8200pF	7.5	6.5	2.5	5.0	0.5	8200pF	7.2	6.5	2.5	5.0	0.5	8200pF	7.2	6.5	2.5	5.0	0.5
0.01uF	7.5	6.5	2.5	5.0	0.5	0.01uF	7.2	6.5	2.5	5.0	0.5	0.01uF	7.2	6.5	2.5	5.0	0.5
0.012uF	7.5	6.5	2.5	5.0	0.5	0.012uF	7.2	6.5	2.5	5.0	0.5	0.012uF	7.2	6.5	2.5	5.0	0.5
0.015uF	7.5	6.5	2.5	5.0	0.5	0.015uF	7.2	6.5	2.5	5.0	0.5	0.015uF	7.2	6.5	2.5	5.0	0.5
0.018uF	7.5	6.5	2.5	5.0	0.5	0.018uF	7.2	6.5	2.5	5.0	0.5	0.018uF	7.2	6.5	2.5	5.0	0.5
0.022uF	7.5	6.5	2.5	5.0	0.5	0.022uF	7.2	6.5	2.5	5.0	0.5	0.022uF	7.2	7.5	3.5	5.0	0.5
0.027uF	7.5	6.5	2.5	5.0	0.5	0.027uF	7.2	6.5	2.5	5.0	0.5	0.027uF	7.2	7.5	3.5	5.0	0.5
0.033uF	7.5	6.5	2.5	5.0	0.5	0.033uF	7.2	6.5	2.5	5.0	0.5	0.033uF	7.2	7.5	3.5	5.0	0.5
0.039uF	7.5	6.5	2.5	5.0	0.5	0.039uF	7.2	7.5	3.5	5.0	0.5	0.039uF	7.2	7.5	3.5	5.0	0.5
0.047uF	7.5	6.5	2.5	5.0	0.5	0.047uF	7.2	7.5	3.5	5.0	0.5	0.047uF	7.2	9.5	4.5	5.0	0.6
0.056uF	7.5	6.5	2.5	5.0	0.5	0.056uF	7.2	7.5	3.5	5.0	0.5	0.056uF	7.2	9.5	4.5	5.0	0.6
0.068uF	7.5	6.5	2.5	5.0	0.5	0.068uF	7.2	7.5	3.5	5.0	0.5	0.068uF	7.2	9.5	4.5	5.0	0.6
0.082uF	7.5	6.5	2.5	5.0	0.5	0.082uF	7.2	9.5	4.5	5.0	0.5	0.082uF	7.2	10.0	5.0	5.0	0.6
0.1uF	7.5	6.5	2.5	5.0	0.5	0.1uF	7.2	9.5	4.5	5.0	0.5	0.1uF	7.2	11.0	5.0	5.0	0.6
0.12uF	7.2	6.5	2.5	5.0	0.5	0.12uF	7.2	9.5	4.5	5.0	0.6						
0.15uF	7.2	6.5	2.5	5.0	0.5	0.15uF	7.2	10.0	5.0	5.0	0.6						
0.18uF	7.2	6.5	2.5	5.0	0.5	0.18uF	7.2	11.0	6.0	5.0	0.6						
0.22uF	7.2	6.5	2.5	5.0	0.5	0.22uF	7.2	11.0	6.0	5.0	0.6	Rated Cap.	400VDC				
0.27uF	7.2	6.5	2.5	5.0	0.6								W	H	T	P	d
0.33uF	7.2	7.5	3.5	5.0	0.6							± 0.5	± 0.5	± 0.5	± 1.0	± 0.05	
0.39uF	7.2	7.5	3.5	5.0	0.6							0.001uF	7.2	6.5	2.5	5.0	0.5
0.47uF	7.2	9.5	4.5	5.0	0.6							0.0012uF	7.2	6.5	2.5	5.0	0.5
0.56uF	7.2	9.5	4.5	5.0	0.6							0.0015uF	7.2	6.5	2.5	5.0	0.5
0.68uF	7.2	9.5	4.5	5.0	0.6							0.0018uF	7.2	6.5	2.5	5.0	0.5
1.0uF	7.2	10.0	5.0	5.0	0.6	Rated Cap.	400VDC					0.0022uF	7.2	6.5	2.5	5.0	0.5
2.2uF	7.2	11.0	6.0	5.0	0.6		W	H	T	P	d	0.0027uF	7.2	6.5	2.5	5.0	0.5
						± 0.5	± 0.5	± 0.5	± 1.0	± 0.05	0.0033uF	7.2	6.5	2.5	5.0	0.5	
Dimensions(mm)						0.012uF	7.2	9.5	4.5	5.0	0.6	0.0039uF	7.2	6.5	2.5	5.0	0.5
Dimensions Tolerance: W, H, T ± 0.5						0.015uF	7.2	9.5	4.5	5.0	0.6	0.0047uF	7.2	6.5	2.5	5.0	0.5
Lead pitch: P ± 0.5						0.018uF	7.2	9.5	4.5	5.0	0.6	0.0056uF	7.2	7.5	3.5	5.0	0.5
Lead Wire Dia: d ± 0.05						0.022uF	7.2	10.0	5.0	5.0	0.6	0.0068uF	7.2	7.5	3.5	5.0	0.5
						0.027uF	7.2	11.0	6.0	5.0	0.6	0.0082uF	7.2	7.5	3.5	5.0	0.5
						0.033uF	7.2	11.0	6.0	5.0	0.6	0.01uF	7.2	7.5	3.5	5.0	0.5

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