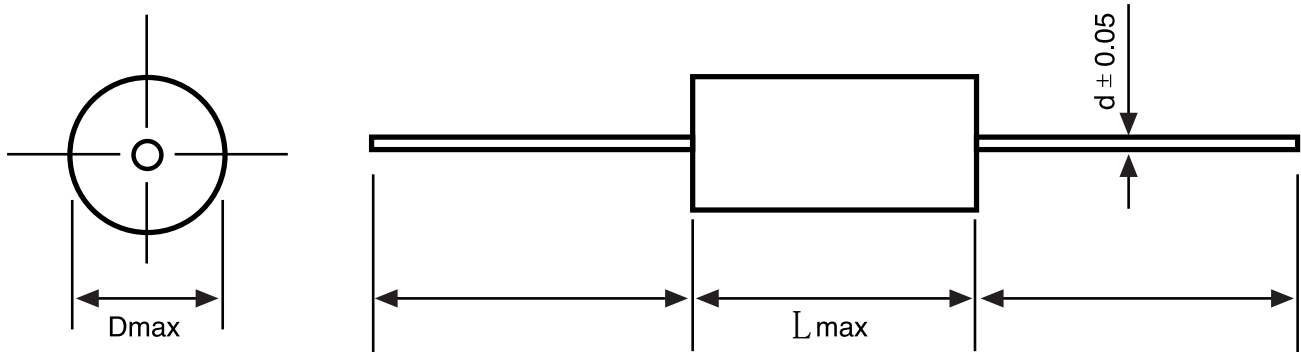


## 轴向金属化聚酯膜电容器 Metallized polyester film capacitor(Axial-type)

### ■ 外形图 Outline Drawing



### ■ 特点

- 金属化聚酯膜,卷绕结构
- 体积小,重量轻,自愈性能优异
- 外包装聚酯胶带纸,两端灌注环氧树脂

### ■ 主要用途

- 隔直,旁路和耦合(去耦)

### ■ Features

- Metallized polyester film, non-inductive wound construction
- Small size, light weight, excellent self-healing property
- Wrapped with polyester adhesive tape and ends filled with Flame retardant epoxy resin

### ■ Typical Applications

- Suitable for blocking, by-pass ,coupling, and decoupling

### ■ 技术要求 Specifications

引用标准 Reference Standard	GB/T 7332 ( IEC 60384-2 )					
气候类别 Climatic Category	40/105/21					
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 UR)					
额定电压 Rated Voltage	50/63V、100V、250V、400V、630V、1000V					
电容量范围 Capacitance Range	0.0010μF ~20.0μF					
电容量偏差 Capacitance Tolerance	± 5%(J)、± 10%(K)、± 20%(M)					
耐电压 Voltage Proof	1.6UR ( 5s )					
损耗角正切 Dissipation Factor	≤ 1.0% ( 20℃ ,1kHz )					
绝缘电阻 Insulation Resistance	UR ≤ 100V	≥ 3 750MΩ, CN ≤ 0.33μF ≥ 1 250s, CN > 0.33μF (20℃ ,10V, 1min)				
	UR > 100V	≥ 30 000MΩ, CN ≤ 0.33μF ≥ 10 000s, CN > 0.33μF (20℃ , 100V,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 UR 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 UR/U。 If the working voltage(U) is lower than the rated voltage(UR),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 UR/U.	UR(V)	dV/dt (V/μs)				
		L=12.0	L=14.5	L=20.0	L=27.5	L=33.0
	50/63	6	6	2	1.5	1
	100	9	9	3	2	1
	250	20	20	8	5	2.5
	400	30	30	10	7	4
	630	40	40	15	10	6
1 000	50	50	25	12	8	



METALLIZED POLYESTER FILM CAPACITOR

尺寸 Dimensions(mm)

Rated Cap.	50/63/100VDC		Rated Cap.	250VDC		Rated Cap.	400VDC		Rated Cap.	630VDC	
	OD	L		OD	L		OD	L		OD	L
	max	max		max	max		max	max		max	max
0.010uF	5.5	14.0	0.010uF	5.5	14.0	0.010uF	6.0	14.0	0.001uF	6.0	14.0
0.015uF	5.5	14.0	0.015uF	5.5	14.0	0.015uF	6.0	14.0	0.015uF	7.0	14.0
0.022uF	6.0	14.0	0.022uF	6.0	14.0	0.022uF	6.5	14.0	0.022uF	7.5	14.0
0.027uF	6.0	14.0	0.027uF	6.0	14.0	0.027uF	6.5	14.0	0.027uF	7.0	20.0
0.033uF	6.0	14.0	0.033uF	6.0	14.0	0.033uF	7.0	14.0	0.033uF	8.0	20.0
0.047uF	6.5	14.0	0.047uF	6.5	14.0	0.047uF	7.5	14.0	0.047uF	9.0	20.0
0.068uF	6.5	14.0	0.068uF	6.5	14.0	0.068uF	7.5	20.0	0.068uF	10.0	20.0
0.082uF	6.5	14.0	0.082uF	6.5	14.0	0.082uF	8.0	20.0	0.082uF	10.5	20.0
0.10uF	6.5	14.0	0.10uF	7.0	14.0	0.10uF	8.5	20.0	0.10uF	9.5	26.0
0.15uF	7.5	14.0	0.15uF	7.5	14.0	0.15uF	9.5	20.0	0.15uF	11.5	26.0
0.18uF	7.5	14.0	0.18uF	8.0	14.0	0.18uF	10.5	20.0	0.18uF	12.5	26.0
0.22uF	7.5	20.0	0.22uF	7.5	20.0	0.22uF	9.5	26.0	0.22uF	13.5	26.0
0.27uF	7.5	20.0	0.27uF	8.0	20.0	0.27uF	10.5	26.0	0.27uF	11.5	32.0
0.33uF	8.0	20.0	0.33uF	8.5	20.0	0.33uF	11.5	26.0	0.33uF	13.5	32.0
0.47uF	8.5	20.0	0.47uF	10.0	20.0	0.47uF	13.0	26.0	0.47uF	16.0	32.0
0.68uF	9.0	20.0	0.68uF	10.0	26.0	0.68uF	13.0	32.0	0.68uF	18.5	32.0
0.82uF	9.5	20.0	0.82uF	10.5	26.0	0.82uF	14.0	32.0	0.82uF	20.0	32.0
1.0uF	9.5	26.0	1.0uF	11.5	26.0	1.0uF	15.0	32.0	1.0uF	20.0	36.0
1.2uF	10.0	26.0	1.2uF	12.0	26.0	1.2uF	16.5	32.0	1.2uF	22.0	36.0
1.5uF	11.0	26.0	1.5uF	13.0	26.0	1.5uF	18.0	32.0	1.5uF	22.5	46.0
2.2uF	11.0	32.0	2.2uF	13.0	32.0	2.2uF	20.0	36.0	2.2uF	25.5	46.0
2.5uF	11.5	32.0	2.5uF	14.0	32.0	2.5uF	21.0	36.0			
2.7uF	12.5	32.0	2.7uF	14.5	32.0	2.7uF	22.0	36.0			
3.0uF	13.0	32.0	3.0uF	15.0	32.0	3.0uF	22.5	36.0			
3.3uF	14.0	32.0	3.3uF	16.0	32.0	3.3uF	23.5	36.0			
4.7uF	15.0	32.0	4.7uF	18.0	32.0	4.7uF	28.0	36.0			
6.8uF	16.0	37.0	6.8uF	21.5	36.0						
8.2uF	17.5	37.0	8.2uF	23.0	36.0						
10.0uF	19.0	37.0	10.0uF	21.0	46.0						
12.0uF	20.0	37.0	12.0	24.0	46.0						
15.0uF	23.0	37.0	15.0uF	26.0	46.0						
18.0uF	22.0	46.0	18.0uF	28.0	46.0						
20.0uF	23.0	46.0	20.0uF	29.0	46.0						

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