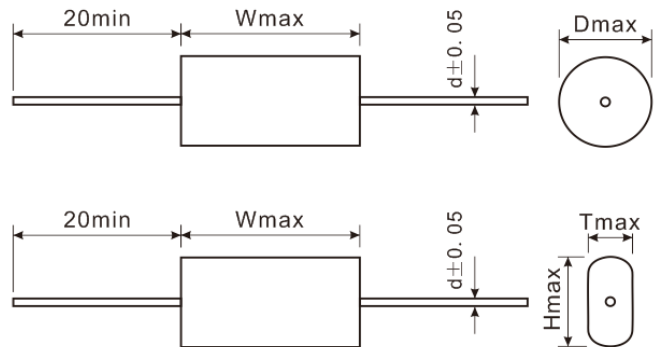


轴向金属化聚丙烯膜电容器

Axial-Type Metallized Polypropylene Film Capacitors



● 产品描述

- 金属化聚丙烯膜卷绕，圆形和扁形无感式结构；
- 聚酯胶带包裹，阻燃环氧树脂灌封，CP线轴向引出；
- 损耗小，温升低；
- 电容量稳定性好，绝缘电阻高，具有良好的自愈特性；
- 适用于交/直流、脉动等多种应用，广泛应用于视听设备、电源设备、邮电通信、数据处理等各种电子电器设备中，尤其适用于高档音响的分频网络。

● Description of Products

- Metallized polypropylene film wound, non-inductive construction, tubular and flat oval shape.
- Polyester tape coated, flame-retardant epoxy resin filled, axial CP wire.
- Small dissipation factor, low inherent temperature rise.
- Good stability of capacitance, good insulation resistance, excellent self-healing property.
- Suitable for use in application of AC/DC, pulse circuit and so on, widely used in audio-visual devices, power supply, telecommunication, data processing equipment and various electronic equipment, especially suitable for frequency divider of tog-grade sound system.

● 典型性能指标 Typical Performance Index

气候类别 Climatic Category	40/085/21
额定工作电压 U_R Rated Voltage U_R	250V/400V、630V (DC)
容量范围 Capacitance Range	0.47~20 μ F
容量偏差 Capacitance Tolerance	J ($\pm 5\%$), K ($\pm 10\%$)
端子-端子间电压 Voltage Proof Between Terminals	1.6 U_R (5s)
损耗角正切 Dissipation Factor	≤ 0.001 $C_R < 6.8\mu F$ ≤ 0.002 $C_R \geq 6.8\mu F$ (20 $^{\circ}$ C , 1kHz)
绝缘电阻 Insulation Resistance	$\geq 10000M\Omega \cdot \mu F$ (20 $^{\circ}$ C , 1min)

● 规格尺寸 Dimensions

圆形 (Tubular)

C _R	250/400V		
	W max	D max	dv/dt
(μF)	(mm)		V/μs
0.47	23	11.5	100
0.68	23	13	100
1.0	23	15	100
1.5	29	15	60
1.8	29	16	60
2.0	29	17	60
2.2	29	17.5	60
2.4	29	18	60
3.3	33	19	50
3.5	33	20	50
4.7	39	20	40
5.6	39	22	40
6.8	39	23	40
10.0	39	29	40
12.0	39	31	40
15.0	61	27	20
20.0	61	30	20

C _R	630V		
	W max	D max	dv/dt
(μF)	(mm)		V/μs
0.47	23	16	160
0.68	33	14	80
1.0	33	16	80
1.5	33	19	80
1.8	33	21	80
2.0	38	21	70
2.2	38	22	70
2.4	38	22.5	70
3.3	45	24	60
3.5	45	24.5	60
4.7	49	27	50
5.6	49	29	50
6.8	49	31	50
10.0	49	37	50
12.0	49	40.5	50
15.0	59	41	40

扁形 (Oval Tubular)

C _R	250/400V			
	T _{max}	H _{max}	W _{max}	dv/dt
(μF)	(mm)			V/μs
0.47	7.5	12.5	23	100
0.68	9	14	23	100
1.0	11	17	23	100
1.5	10	16.5	29	60
1.8	11	17	29	60
2.0	12	18	29	60
2.2	13	19.5	29	60
2.4	13.5	20	29	60
3.3	14	22	33	50
3.5	15	23	33	50
4.7	15	23	39	40
5.6	16.5	24.5	39	40
6.8	18	27.5	39	40
10.0	22.5	32	39	40
12.0	24	34	39	40
15.0	22	32	61	20
20.0	25	35	61	20

C _R	630V			
	T _{max}	H _{max}	W _{max}	dv/dt
(μF)	(mm)			V/μs
0.47	13	18	23	160
0.68	11	16	23	80
1.0	13	18	23	80
1.5	15	22	33	80
1.8	17	24	33	80
2.0	15	24	38	70
2.2	16	25	38	70
2.4	16.5	26	38	70
3.3	18	27	45	60
3.5	18.5	28	45	60
4.7	20.5	30	49	50
5.6	22.5	32	49	50